

SERVICE MANUAL

AE-6A CHASSIS

MODEL	COMMANDER	DEST	CHASSIS NO.	MODEL	COMMANDER	DEST	CHASSIS NO.
KV-36FS76B	RM-938	FR	SCC-Q83L-A	KV-36FS76U	RM-938	UK	SCC-Q84J-A
KV-36FS76E	RM-938	ESP	SCC-Q81N-A				

FD Trinitron



KV-36FS76



RM-938

TRINITRON[®] COLOR TV
SONY[®]

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ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION !!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENTION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE Δ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÉCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT, NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR THE CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP.

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION

Lead Free Soldered Boards

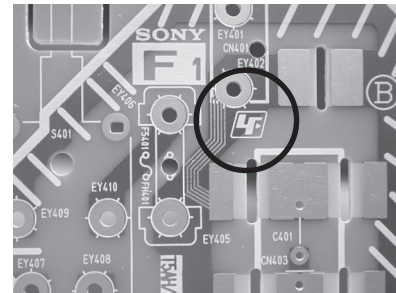
The circuit boards listed below [Table 1] used in these models may have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.



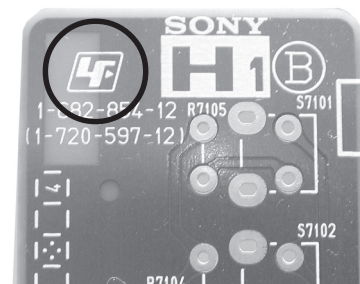
Table 1

Board	Function
H3	AV Link Processor

example 1



example 2



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.


For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
B	B/G/H, D/K, I, L	GERMAN/NICAM Stereo	VHF : E2-E12, R1-R12, S01-S03, F02-F10, B-Q UHF : E21-E69, F21-F69, B21-B69, R21-R69 CABLE TV : S01-S20 HYPER : S21-S41	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
E	B/G/H	GERMAN/NICAM Stereo	VHF : E2-E12, R1-R12, S01-S03 UHF : E21-E69, R21-R69 CABLE TV : S01-S20 HYPER : S21-S41	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
U	I	NICAM Stereo	UHF : B21-B69	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)

Picture Tube	Flat Display FD Trinitron Approx 92cm (36 inches) (Approx 88cm picture measured diagonally).	Sound output		
		Right and Left speaker	2x20W (Music Power)	2x10W (RMS)
		Sub Woofer	1x30W (Music Power)	1x15W (RMS)
Input/Output Terminals [REAR]		General Specifications		
1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V	
		Power Consumption	166W	
2: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals. (Monitor Out)	Dimensions	Approx 972x614x591mm	
		Weight	Approx 90.0kg	
3: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for S Video. Outputs of TV Video and Audio signals. (selectable)	Supplied Accessories	RM-938 Remote Commander (1) IEC designated R6 battery (2)	
4: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for S Video.	Other Features	DRC MF, DCF, Dynamic Picture and Picture, Auto Noise Reduction, Virtual Dolby, 2 Tuners.	
Phono Jacks	Output Connectors variable for Audio Signals.			
Input/Output Terminals [FRONT]		Remote Control System : Infrared Control		
Headphone jack	stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R6 (size AA)	
Audio inputs	phono jacks			
Video inputs	phono jacks			
S Video input	4 pin DIN			
Design and specifications are subject to change without notice.				

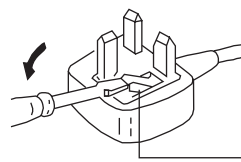
Model Name			
Item	KV-36FS76B	KV-36FS76E	KV-36FS76U
PAP	OFF	OFF	OFF
PIP	OFF	OFF	OFF
RGB Priority	ON	ON	ON
Woofer Box	ON	ON	ON
Scart 1	ON	ON	ON
Scart 2	ON	ON	ON
Front in (3)	ON	ON	ON
Scart 4	ON	ON	ON
Projector	OFF	OFF	OFF
Norm B/G	ON	ON	OFF
Norm I	ON	OFF	ON
Norm D/K	ON	ON	OFF
Norm AUS	OFF	OFF	OFF
Norm L	ON	OFF	OFF
Norm SAT	OFF	OFF	OFF
Norm M	OFF	OFF	OFF
Teletext	ON	ON	ON
Nicam Stereo	ON	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** rating. Should the fuse need to be replaced, use a **5 AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the  mark.

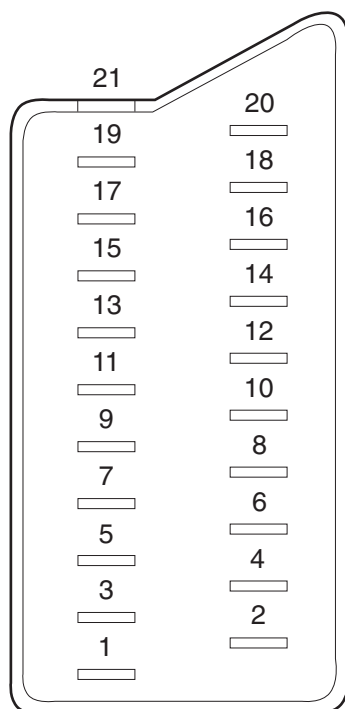
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

21 pin connector



Pin No	1	2	3	Signal	Signal level
1	○	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
2	○	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedance : More than 10kohm*
3	○	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedance : Less than 1kohm*
4	○	○	○	Ground (audio)	
5	○	○	○	Ground (blue)	
6	○	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedance : More than 10kohm*
7	○	●	●	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedance : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	○	Ground (green)	
10	○	○	○	Open	
11	○	●	●	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	○	○	○	Open	
13	○	○	○	Ground (red)	
14	○	○	○	Ground (blanking)	
15	○	-	-	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	○	○	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	●	●	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedance : 75 ohms
17	○	○	○	Ground (video output)	
18	○	○	○	Ground (video input)	
19	○	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	-	-	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	○	○	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	○	Common ground (plug, shield)	

○ Connected



Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel



Front Connection Panel



S-Video socket

S Video socket pin configuration		
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V+/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V+/- 3dB 75ohm, positive Sync.

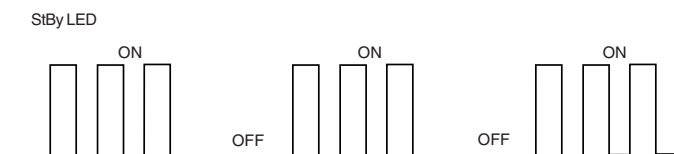
AE-6A SELF DIAGNOSTIC SOFTWARE

The identification of errors within the AE-6A chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted) See table 1., non fatal errors are reported using this method.

Diagnostic Item Description	No of times Standby LED Flashes	Probable cause Location	Detected Symptoms
Power does not turn on	Does not light	Power cord is not plugged in. Fuse is open circuit.	Power does not come on No power is supplied to the TV AC power supply is faulty
+B Overcurrent (OCP)	2 times	H.OUT (Q8102/8103) is shorted. (D1 Board) Linearity FET (Q8106) is shorted. (D1 Board) IC8801 Power IC is shorted. (D1 Board)	Power does not come on Load on power line has shorted
Vertical Deflection stopped	4 times	+15V is not supplied R8207 open (D1 Board) -15V is not supplied R8206 open (D1 Board) IC1701 is shorted (A Board)	Vertical deflection pulse has stopped Power line has shorted

Error Message	LED Code
Reserved	01
OCP (Over Current Protection)	02
OVP (Over Voltage Protection)	03
Vertical Protection	04
Unstable AKB(check starts after 30s,disabled in Production Mode)	05
Horizontal Protection	06
Speaker Protection	07
I2C Bus Error	08
M2-B. ST24C32,NVM	09
A-Board	10
B5 Board	11
J2 Board	12
H Board	13
MS Board	14
B5-B. Main Colour Decoder	15
A-B. CXA2150Q, Backend	16
A-B. MSP3411, Sound Proc.	17
Not used	18-32

Flash Timing Example : e.g. error number 3



Error Detection Monitor

Device acknowledge is used to check IIC errors. Device acknowledge is checked by sending an IIC start sequence during CRT power on. Each device is checked three times, if there is no acknowledge after each attempt, it will be regarded as an error.

There are three steps to check for errors.

1. IIC line 0
If all devices except the NVM have errors, IIC line 0 error is displayed.
2. Board check
If all devices mounted on one board have errors, board error is displayed.
3. Each device check
If IIC line error and board error are not detected then the device with the error is displayed.

The detected errors can be displayed as follows :

1. Error Monitor Menu.
2. Error Reader.

1. Error Monitor Menu

ERROR MONITOR			
1. IGNORE ERRORS	OFF	ON ►	OFF
Operating Time :		000167	h 45 min
Stored Errors :			
1.	A - B TU1350	Sub-Tuner	
2.	J - B TDA9320	Sub Col. Dec.	
3.	No Error Occured		
4.	No Error Occured		
5.	No Error Occured		
Current Error :			
A - B TU1350		Sub-Tuner	
<hr/>			
Last menu ◀		Enter item ▶	

2. Error Reader Display

The error reader display is connected to the service connector to read actual error codes. The part number for the error reader display is S-188-900-10. Once an error has been detected it will then be displayed on the two digit error reader. The errors displayed refer to the following table.

Error Code	Error Message
000h	No Error Occured
001h	Bus Error, I2C0
002h	Bus Error, I2C1
003h	Bus Error, I2C2
100h	A-Board
101h	A-B. CXA1875, Port Exp.
102h	A-B. TU60xx, Main-Tuner
103h	A-B. TDA9886, Main IF
104h	A-B. CXA2150Q, Backend
105h	A-B. MB88141, DAC
106h	A-B. MSP3411G, Sound Proc.
107h	A-B. CXA8070, Dyna. Conv.
200h	B5-Board
201h	B5-B. Main Colour Decoder
202h	B5-B. Sub Colour Decoder
203h	B5-B. MIDX
204h	B5-B. Panorama Gate Array
205h	B5-B. Dig. Noise Reduction
300h	H-Board
301h	H-B. CXD2088, AVLink
400h	J-Board
401h	J2-B. CXA1855, AV Switch
402h	J2-B. CXA2149, AV Switch
403h	J2-B. TU60xx, Sub-Tuner
404h	J2-B. TDA9886, Sub IF
500h	M2-Board
501h	M2-B. ST24C32, NVM
600h	MS1-Board
601h	MS1-B. Memory Stick

The operating instructions mentioned here are partial abstracts from the 'Operating Instruction Manual'. The page numbers of the 'Operating Instruction Manual' remain as in the manual.

5 Automatically tuning the TV

- When you switch on the TV for the first time the Sony logo appears on the TV screen, followed by the Language/Country menu with the word 'English' highlighted. Press the **▲** or **▼** buttons on the remote control to highlight your required language. Press the **OK** button to confirm your choice. From now on all menus appear in your chosen language.



- The word 'Country' is now highlighted. Press the **▲** or **▼** buttons on the remote control to highlight the country in which you are using the TV. It is important to select the correct country to ensure correct Teletext displays. Press the **OK** button to confirm your choice.



- The picture rotation prompt appears. Sometimes the Earth's natural magnetism can cause the screen to look tilted.



- If no correction is required, press the **▲** button on the remote control.
- If some correction is required, press the **OK** button on the remote control. Press the **▲** or **▼** buttons to rotate the picture over a range of -5 to +5. Press the **OK** button to store.

- The autotune prompt screen appears. Press the **OK** button to select **Yes**. The autotune procedure begins, tuning all the available channels.



A display appears on the TV screen to inform you of the tuning progress.

If no channels are found, a display appears on the TV screen asking you to confirm your aerial is connected. Check the aerial has been connected correctly then press the **OK** button to repeat the tuning process.

- Once all available channels have been tuned the 'Programme Sorting' menu appears. This menu allows you to rearrange the order of the channels on the TV.

- If you do not wish to rearrange the order, press the **MENU** button to remove the 'Programme Sorting' menu from the TV screen.
- If you wish to rearrange the order, press the **▲** or **▼** buttons to select the channel you wish to move, then press the **▲** button. Press the **▲** or **▼** buttons to select the new position for your selected channel. Press the **OK** button to confirm. The selected channel moves to its new position. Repeat this procedure if you wish to move other channels. Press the **MENU** button to remove the 'Programme Sorting' menu from the TV screen when you have finished rearranging the channel order.

The TV has now tuned in all the available channels and is ready for use

Text

Most TV channels provide a Text service. Please ensure you are receiving a good signal or some Text errors may occur.

Viewing Text

- Select the TV channel which carries the Text service you want to view.
- Press the **□** button on the remote control to enter Picture and Text (P&T) mode. The screen is divided in two with the Text display on the left and the TV channel in the right corner.
Note: In P&T mode press the **□** button followed by **PROG** +/- to change the channel of the TV screen. Press the **□** button again to resume normal text reception.
Press the **□** button a second time to enter full screen Text mode.
Press the **□** button a third time to enter Mix mode.
- Press the numbered buttons on the remote control to enter the three digits of the page number you wish to view. Alternatively, press the **◀** or **▶** buttons to view the previous or next page. After a short time the page appears on screen.



- Enter more 3 digit page numbers as required.
- Press the **□** button on the remote control at any time to exit Text mode.






How to use Text features

Feature	How to use
Sub-page Some pages contain sub-pages which follow on automatically. This feature allows you to directly access the required sub-page.	Press the ▲ or ▼ buttons to select the required sub-page.
Hold This feature allows you to hold the current page until you are ready to proceed.	Press the □ button to hold the page currently being displayed. Press again to cancel.
Fastext Fastext allows you to access pages quickly and easily. When Fastext is available, four coloured items appear at the bottom of the screen.	Press the corresponding coloured button on the remote control to access the required page.
Page Catching This feature allows you to jump quickly from one page to another.	When viewing a page that contains several page numbers (e.g. the index page), press the OK button. Press the ▲ or ▼ buttons to highlight the page number required. Press the OK button to confirm. Your chosen page appears on the TV screen.

Teletext menu










The 'Teletext' menu gives you access to more Text features.



- 1. Select the TV channel which carries the Text service you want to view.
- 2. Press the  button on the remote control to enter Text mode.
- 3. With Text displayed on the TV screen, press the **MENU** button to display the 'Teletext' menu on the TV screen.
- 4. Press the  or  buttons to highlight the feature you require. Press the  button to select.
- 5. Press the **MENU** button to remove the 'Teletext' menu from the TV screen.
- 6. Press the  button to exit Text.









The following table explains each feature:

Feature	How to use
Top/Bottom/Full This feature allows you to enlarge sections of the displayed Text page.	Press the  button to enlarge the top part of the page. Press the  button to enlarge the bottom part of the page. Press the OK button to return the page to normal size. Press the MENU button to return to the 'Teletext' menu.
Index Most Text services contain an index page which lists all the available pages and their 3 digit page number. This feature automatically displays the index page.	Press the  button to display the index page.
Page Overview (only for TOPText broadcasts) TOPText offers an alternative version of Text where the pages are divided into two columns. The first column shows 'blocks' of pages and the second column shows 'groups' of pages.	Press the  or  button to select the required column. Press the  or  button to select the required 'block' or 'group' of pages. Press the OK button to display the chosen page.
Contrast This feature allows you to adjust the contrast of Text pages.	Press the  or  button to increase or decrease the contrast. Press the OK button to confirm your choice.

Multi Picture In Picture (Multi PIP)

This feature displays 13 different channels simultaneously on screen. From this display you can select which channel you wish to view.





- 1. Press the  button to enter Multi PIP mode.
- 2. Press the **PROG +/-** buttons repeatedly to select the next or preceding 12 channels.
- 3. Press the , , , or  buttons to move around the 13 displayed channels.
- 4. Press the **OK** button to select the framed channel. This channel now moves to the centre.
- 5. Press the **OK** button again to view the selected channel or press the  button to exit Multi PIP mode.











Picture And Picture (PAP)

This feature divides the screen in two for watching two channels simultaneously. The sound of the left screen comes through the TV loudspeakers while the sound from the right screen is selectable via headphones.



- 1. Press the  button to enter PAP mode.
- 2. Refer to the table below for explanations of each option.
- 3. Press the  button to exit PAP mode.



Option	How to use
Selecting sound for the headphones	With the TV in PAP mode set the '  Dual Sound' feature to 'PAP' (Refer to 'Sound Adjustment menu' section for more information.)
Changing the channel of the left screen	Press the numbered buttons or PROG +/- buttons to select the required channel. Alternatively, press the  button to view pictures from equipment connected to the AV sockets of the TV.
Changing the channel of the right screen	Press the  button. The  symbol appears in the right screen. Press the numbered buttons or PROG +/- buttons to select the required channel. Alternatively, press the  button to view pictures from equipment connected to the AV sockets of the TV.
Swapping screens	Press the  button to swap the screens.
Zooming the screens	Press the  or  buttons to change the size of the two screens.


NexTVView Electronic Programme Guide (EPG)

The NexTVView Electronic Programme Guide (EPG) provides you with programming information from different broadcasters, depending on availability of service.

Selecting your NexTVView provider

Your TV automatically selects the best NexTVView provider for you. This service is available about 30 minutes after you automatically tune the TV. You can however change this selection if you wish.






1. Press the **MENU** button on the remote control to display the menu on the TV screen.
2. Press the **▲** or **▼** buttons to select the  symbol. Press the **▶** button to enter the 'Set Up' menu.
3. Press the **▲** or **▼** buttons to highlight 'Select NexTVView' then press **▶** to confirm. A list is displayed containing all available NexTVView providers.
4. Press the **▲** or **▼** buttons to highlight the desired NexTVView provider*.
5. Press the **OK** button to confirm and store your selection.
6. Press the **MENU** button to return to normal TV operation.

Notes: *Select the '-----' option to receive the EPG service provided by the current TV channel. When you change the TV channel the EPG from the new channel is automatically loaded (if an EPG service is available).

Displaying and using NexTVView



1. Press the  button on the remote control to display NexTVView on the TV screen. In some cases you may also need to press the **▶** button to display the Sony electronic programme guide.
2. Press the **▲**, **▼**, and **▶** buttons to move the cursor around the screen.
3. Press the **OK** button to confirm a selection.
 - a) If you press the **OK** button in date, time or icon (themes) columns the programme list changes according to the selection.
 - b) If you press the **OK** button in the programme list the selected programme is displayed. If, however, the programme is not currently being broadcast, the 'Long Info' menu is displayed (see next page).
4. Press the  button on the remote control to exit NexTVView.

Using the TV menu system

This TV contains a menu system which is based on a series of on screen displays. These displays help you get the most from your TV, from customising the picture and sound to accessing advanced features.

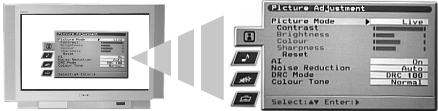
Use the following buttons on the remote control to operate the TV menu system:



1. Press the **MENU** button to display the main menu.
2. Use the following buttons to operate the menu:
 - Press the **▼** or **▲** buttons to highlight the required menu or option.
 - Press the **▶** button to enter the required menu or option.
 - Press the **◀** button to return to the last menu or option.
 - Press the **▼**, **▲**, **▶** or **◀** buttons to alter the settings of the selected option.
 - Press the **OK** button to confirm and store your selection.
3. Press the **MENU** button to remove the menu from the TV screen.

Picture Adjustment menu

This menu allows you to customise the picture. Highlight the required option and press **▶** to select. The table below explains each option and how to use it.



Option	How to use
Picture Mode This option allows you to select one of four picture modes. The Live, Movie and Game modes are preset and only Contrast can be adjusted. The Personal mode, however, also allows you to adjust the Brightness, Colour and Sharpness options.	Press ▲ or ▼ to select Live, Personal, Movie or Game. Press OK to confirm.
Contrast, Brightness, Colour, Sharpness These options allow you to adjust the contrast, brightness, colour and sharpness. Note: Brightness, Colour and Sharpness can only be adjusted when Picture Mode is set to Personal.	Press ▶ or ◀ to set the levels. Press OK to confirm.
Reset This option resets all picture settings to the factory preset levels.	Press ▶ to restore default picture settings.
AI (Artificial Intelligence) This option monitors the picture and limits any sudden increases in brightness and contrast.	Press ▲ or ▼ to select On or Off. Press OK to confirm.
Noise Reduction Sometimes a weak signal can produce a snowy picture (called Picture Noise). This option can help to reduce this effect.	Press ▲ or ▼ to select High, Mid, Low, Auto or Off. Press OK to confirm.
DRC Mode DRC (Digital Reality Creation) Mode allows you to enjoy higher quality pictures on your TV. The settings available are: Off: Basic 100Hz picture quality. DRC 50: Improved picture resolution. DRC 100: Optimum picture resolution.	Press ▲ or ▼ to select Off, DRC 50 or DRC 100. Press OK to confirm.
Colour Tone This option allows you to alter the tint of the picture. The settings available are: Warm: Gives the white colours a red tint. Normal: Gives the white colours a neutral tint. Cool: Gives the white colours a blue tint.	Press ▲ or ▼ to select Warm, Normal or Cool. Press OK to confirm.

Sound Adjustment menu

This menu allows you to customise the sound. Highlight the required option and press **➡** to select. The table below explains each option and how to use it.



Option	How to use
Sound Effect This option allows you to select one of four sound modes.	Press ➡ or ⬅ to select Personal, Dolby V [™] , Dynamic [™] or Natural [™] . Press OK to confirm.
Equaliser Adjustment This option allows you to customise the sound by adjusting five frequency bands. Note: This feature is only available when Sound Effect is set to Personal.	Press ➡ or ⬅ to select the required band. Press ➡ or ⬅ to adjust the frequency level. Press OK to confirm.
Virtual Effect This option allows you to adjust the level of the surround sound effect when listening to a Dolby surround sound broadcast. Note: This option is only available when Sound Effect is set to Dolby V.	Press ➡ or ⬅ to set the level of effect. Press OK to confirm.
Balance This option allows you to set the balance of sound between the left and right speakers.	Press ➡ or ⬅ to set the balance. Press OK to confirm.
Auto Vol. Control Sometimes the broadcast volume level changes (e.g. adverts tend to be louder than programmes). This option allows you to cancel this effect, giving a constant volume level.	Press ➡ or ⬅ to select Off or On. Press OK to confirm.
Dual Sound When receiving a bilingual broadcast: This option allows you to choose which language to listen to.	When receiving a bilingual broadcast: Press ➡ or ⬅ to select A to listen to the first language or B to listen to the second language. Press OK to confirm.
When receiving a stereo broadcast: This option allows you to choose between mono or stereo sound.	When receiving a stereo broadcast: Press ➡ or ⬅ to select Mono or Stereo. Press OK to confirm.
Audio-out Vol. This option allows you to simultaneously set the volume level for the headphone socket and the volume level of the Audio output sockets on the rear of the TV.	Press ➡ or ⬅ to set the volume for the headphone and Audio output sockets. Press OK to confirm.
Dual Sound This option allows you to alter the sound settings when the TV is in PAP mode. The settings available are: Stereo: The sound from one screen is output to both the TV loudspeakers and the headphones. PAP: The sound from the left screen is output to the TV loudspeakers and the sound from the right screen is output to the headphones.	Press ➡ or ⬅ to select Stereo or PAP. Press OK to confirm.

Notes: 'When 'Dolby V' is selected, the TV simulates the full effects of Dolby Pro Logic Surround sound without the need for additional speakers. Manufactured under license from Dolby Laboratories. 'Dolby', 'Pro Logic' and the double-D symbol are trademarks of Dolby Laboratories.
 'Natural' and 'Dynamic' are functions of the 'BBE High Definition Sound System'. This system enhances clarity, detail, presence of sound and increases musical realism.

Features menu

This menu allows you to set the sleep timer and set the signal to be output from the AV3 socket. The table below explains each option and how to use it:



Option	How to use
Auto Format This option can automatically detect the type of screen format being received. The settings available are: Off: Screen Mode remains constant. On: Screen Mode automatically changes to the format being received.	Press ➡ or ⬅ to select Off or On. Press OK to confirm.
Format Correction (only available if 'Auto Format' is set to 'On') When viewing 4:3 or 14:9 broadcasts there will be dark areas visible at the edge of the screen. The settings available are: Off: Dark areas remain on the TV screen. On: The TV automatically switches to Smart mode, eliminating any dark areas on the TV screen.	Press ➡ or ⬅ to select Off or On. Press OK to confirm.
Sleep Timer This option allows you to set a period of time after which the TV switches itself into standby mode. This can be in 10 minute intervals up to a maximum of 90 minutes.	Press ➡ or ⬅ to select the period of time required. Press OK to confirm.
AV3 Output This option allows you to set which signal source is output from the AV3 scart socket (labelled 3-3 on the rear of the TV. If you connect a VCR to this socket you can record from equipment connected to the other sockets of the TV. The settings available are: TV: Outputs the TV signal. AV1: Outputs the signal from equipment connected to the 1 socket on the rear of the TV. AV2: Outputs the signal from equipment connected to the 2 socket on the rear of the TV. AV3: Outputs the signal from equipment connected to the 3-3 socket on the rear of the TV. AV4: Outputs the signal from equipment connected to the 4-4 socket on the rear of the TV. AV5: Outputs the signal from equipment connected to the 5-5 socket on the front of the TV.	Press ➡ or ⬅ to select TV, AV1, AV2, AV3, AV4 or AV5. Press OK to confirm.

Set Up menu

This menu contains advanced features that allow you to customise the TV. The options are:

Auto Tuning

All the available channels were tuned in when the TV was first installed. The 'Auto Tuning' option in the 'Set Up' menu allows you to repeat that process (e.g. to re-install the TV at an alternative location or search for new channels that have been launched by broadcasters).

With the 'Auto Tuning' option highlighted, press **➡** to select. The autotune prompt appears on screen. Press **OK** to start the auto tuning process. When all available channels have been tuned the TV returns to normal operation.

Programme Sorting

The 'Programme Sorting' option in the 'Set Up' menu allows you to change the order in which the channels are stored on the TV.

With the 'Programme Sorting' option highlighted, press **➡** to enter the 'Programme Sorting' menu. Press **➡** or **⬅** to highlight the channel you wish to move to a new position, then press **➡** to select. Press **➡** or **⬅** to highlight the new position for your channel, then press **OK**. Your chosen channel has now moved to the new position. Repeat to move other channels if required.

Select NextView

With the 'Select NextView' option highlighted, press **➡** to enter the 'Select NextView' menu. Refer to 'NextView Electronic Programme Guide (EPG)' for details.

AV Preset

The 'AV Preset' option in the 'Set Up' menu allows you to assign a name to any equipment connected to the AV sockets of the TV. The name is displayed briefly on screen when the equipment is selected.

With the 'AV Preset' option highlighted, press **➡** to enter the 'AV Preset' menu. Press **⬇** or **⬆** to highlight the socket you wish to name. Press **➡** to select the **AUTO FORMAT** column. Press **⬇** or **⬆** to select 'Off' or 'On'. (For more details on 'Auto Format', refer to 'Features menu'.) Press **➡** to select the **LABEL** column. Press **⬇** or **⬆** to select the first character. Press **➡** to confirm this character. Select the other characters in the same way (up to a maximum of five characters). After selecting all required characters, press **OK** to store.

Manual Set Up

With the 'Manual Set Up' option highlighted, press **➡** to enter the 'Manual Set Up' menu. The 'Manual Set Up' menu is explained below.

Manual Set Up menu

This menu gives you access to more advanced features. The options are:



Language/Country

When you first installed the TV you were asked to select your language and country. The 'Language/Country' option in the 'Manual Set Up' menu allows you to change these settings.

With the 'Language/Country' option highlighted, press **➡** to enter the 'Language/Country' menu. Press **⬇** or **⬆** to select 'Language' or 'Country'. Press **➡** to adjust. Press **⬇** or **⬆** to highlight the required setting. Press **OK** to confirm.

Manual Programme Preset

With the 'Manual Programme Preset' option highlighted, press **➡** to enter the 'Manual Programme Preset' menu. The 'Manual Programme Preset' menu is explained on the following page.

Further Programme Preset

With the 'Further Programme Preset' option highlighted, press **➡** to enter the 'Further Programme Preset' menu. The 'Further Programme Preset' menu is explained on page 20.

RGB Set Up

When viewing signals from RGB equipment connected to the AV1 or AV2 sockets (e.g. DVD player, PlayStation) the picture may need adjusting. The 'RGB Set Up' option in the 'Manual Set Up' menu allows you to adjust the size and horizontal picture position of signals from RGB equipment.

With the 'RGB Set Up' option highlighted, press **➡** to enter the 'RGB Set Up' menu. Press **➡** to select **H Centre**. Press **⬇** or **⬆** to centralise the picture over a range of -10 to +10. Press **OK** to store. Press **➡** to select **H Size**. Press **⬇** or **⬆** to adjust the picture size over a range of -10 to +10. Press **OK** to store.

Note: If there is no RGB equipment connected to either the AV1 or AV2 scart socket the 'RGB Set Up' option will not be available.

Picture Rotation

Due to the Earth's natural magnetism the picture might slant slightly. The 'Picture Rotation' option in the 'Manual Set Up' menu allows you to cancel out this effect.

With the 'Picture Rotation' option highlighted, press **➡** to select. Press **⬇** or **⬆** to rotate the picture over a range of -5 to +5. Press **OK** to store.

Personal ID

The 'Personal ID' option in the 'Manual Set Up' menu allows you to enter a code which could help to trace you should the TV be stolen and recovered. This code can only be entered once - please make a note of it and keep it safe.

With the 'Personal ID' option highlighted, press **➡** to select. Press **⬇** or **⬆** to display the first character of the code you wish to use. Press **➡** to select. Repeat until all characters have been entered. Press **OK** to store. A confirmation screen is displayed. Press **OK** to confirm.

Manual Programme Preset menu

The 'Manual Programme Preset' option in the 'Manual Set Up' menu allows you to manually tune channels.



With the 'Manual Programme Preset' option highlighted, press **➡** to enter the 'Manual Programme Preset' menu. Press **⬇** or **⬆** to highlight the channel you wish to tune. Press **➡** twice to select the **SYS** column. Press **⬇** or **⬆** to select the TV broadcast system (B/G for western European countries, D/K for eastern European countries or EXT for an external input source). Press **➡** to confirm and select the **CH** column. Press **⬇** or **⬆** to select the channel tuning (C for terrestrial channels, S for cable channels or F for direct frequency input). Press **➡** to confirm. You now need to tune the channel by one of the following methods:

- If you know the channel number of the TV broadcast, the VCR test signal or the frequency:**
Press the **numbered** buttons on the remote control to enter the channel number. Press **OK** to store.
- If you do not know the channel number:**
Press **➡** to select **SEARCH**. The TV set automatically searches for the next available TV broadcast channel or the VCR test signal. When a channel has been found press either **OK** to store or **⬇** to continue searching.
- For external input sources (EXT):**
Press **⬇** to select AV1, AV2, AV3, AV4 or AV5 depending on which socket you have connected your equipment to. Press **OK** to store.

Labelling a channel

Names for channels are usually taken automatically from Teletext (if available). This name will be displayed briefly on screen when the channel is selected. The 'LABEL' option in the 'Manual Programme Preset' menu allows you to assign a name of your choice up to 5 characters or numbers.

With the 'Manual Programme Preset' option highlighted, press **➡** to enter the 'Manual Programme Preset' menu. Press **⬇** or **⬆** to highlight the channel number you require. Press **➡** repeatedly to select the **LABEL** column. Press **⬇** or **⬆** to select the first character. Press **➡** to confirm this character. Select the other characters in the same way. After selecting all required characters, press **OK** to store.

Skipping a channel

The 'SKIP' option in the 'Manual Programme Preset' menu allows you to skip unused channel positions when selecting channels with the **PROG+/-** buttons. However, you can still select skipped channels by using the **numbered** buttons on the remote control.

With the 'Manual Programme Preset' option highlighted, press **➡** to enter the 'Manual Programme Preset' menu. Press **⬇** or **⬆** to highlight the channel number you require. Press **➡** to select the **SKIP** column. Press **⬇** to select On (select Off to remove the SKIP feature). Press **OK** to store.

Remote control of other equipment

The remote control supplied with your TV operates not only Sony VCRs and DVD players, but also those made by other manufacturers. The following instructions guide you through the set up procedure.



1. Find the 3 digit code for your brand from the list below.
2. Press the ◀MODE▶ Selector button on the remote control until either the green VCR light or the green DVD light illuminates.
3. With the required green light illuminated, press and hold down the **YELLOW** button for approximately 6 seconds, until this light starts to flash.
4. Use the **numbered** buttons to enter the 3 digit code for your VCR or DVD. Once a correct number has been entered, all the green VCR, TV and DVD lights illuminate together momentarily.
5. Turn on your VCR or DVD and check that the remote control operates the main functions. If not, repeat steps 2 - 4 and enter the next 3 digit code allocated to your brand of VCR or DVD.
6. When you wish to use the remote control to operate the TV again, press the ◀MODE▶ Selector button until the TV green light illuminates. Don't forget to select VCR or DVD using the ◀MODE▶ Selector button every time you wish to operate that equipment with this remote control.

Note: The brand codes you set may be lost if weak batteries are not replaced immediately. Should this happen, use the above procedure to re-enter the code. A small label has been attached to the inside of the battery cover for you to make a note of your brand codes. Not all brands and models of VCRs and DVDs are covered in this list, however, Sony will endeavour to update the software periodically. Please refer to the code table provided with your remote control.

VCR Brand List		DVD Brand List	
Brand	Code	Brand	Code
SONY (VHS)	001	SONY	001
SONY (BETA)	021	AIWA	021
SONY (DVD)	018, 027, 020, 002	DENON	018, 027, 020, 002
AIWA	009, 028, 023, 024, 016, 003	GRUNDIG	009, 028, 023, 024, 016, 003
AKAI	025, 026, 015, 004	HITACHI	025, 026, 015, 004
DAEWOO	006, 017	JVC	006, 017
GRUNDIG	008	KENWOOD	008
HITACHI	015, 014	LG	015, 014
JVC	009, 028, 023, 024, 016, 003	LOEWE	009, 028, 023, 024, 016, 003
LG	013, 016	MATSUI	013, 016
LOEWE	022	ONKYO	022
MATSUI	018, 027, 020, 002	PANASONIC	018, 027, 020, 002
ORION	009, 028, 023, 024, 016, 003	PHILIPS	009, 028, 023, 024, 016, 003
PANASONIC	004	PIONEER	004
PHILIPS	011, 014	SAMSUNG	011, 014
SAMSUNG	007	SANYO	007
SANYO	019, 027	SHARP	019, 027
SHARP	012	THOMSON	012
THOMSON	003	TOSHIBA	003
TOSHIBA	018, 027, 020, 002	YAMAHA	018, 027, 020, 002

Specifications

TV System I	Weight Approx. 90kg
Colour System PAL NTSC 3.58, 4.43 (only Video In)	Rear Terminals Ⓜ1 21-pin Euro connector (CENELEC standard) including audio/video input, RGB input, TV audio/video output. Ⓜ2 21-pin Euro connector (CENELEC standard) including audio/video input, RGB input, TV audio/video output. Ⓜ3/Ⓜ3 21-pin Euro connector (CENELEC standard) including audio/video input, S-video input, selectable audio/video output. Ⓜ4/Ⓜ4 21-pin Euro connector (CENELEC standard) including audio/video input, S-video input, selectable audio/video output. T RF In Ⓜ Audio output - phono jacks
Channel Coverage UHF: B21 - B69	Front Terminals Ⓜ5 Video input - phono jack Ⓜ5 Audio inputs - phono jacks Ⓜ5 S video input - 4 pin DIN Ⓜ Headphones jack - minijack stereo
Picture Tube FD Trinitron Approx. 91cm (36 inches)	Accessories Supplied RM-938 remote control (1) IEC designated size AA (R6) battery (2)
Sound Output Left/Right: 2x20W (music power) 2x10W (RMS) Subwoofer: 22W (music power) 11W (RMS)	
Power Consumption 166W	
Dimensions (w x h x d) Approx. 972 x 614 x 588mm	

Design and specifications are subject to change without notice.

Troubleshooting

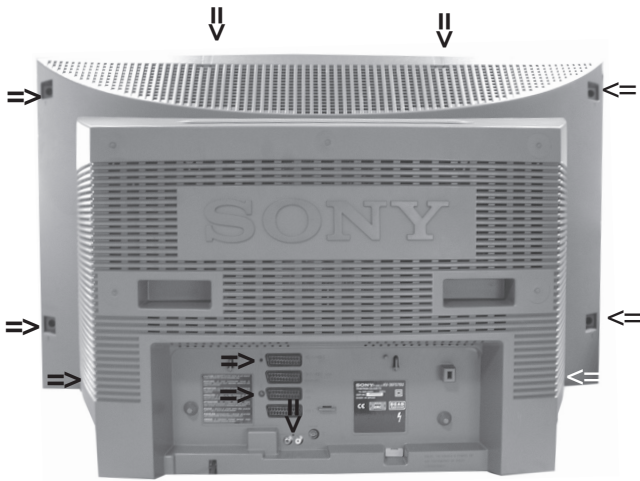
Here are some simple solutions to problems which may affect the picture and sound.

Problem	Suggested Remedy
No picture (screen is dark), no sound.	<ul style="list-style-type: none">• Plug the TV in.• Press the Ⓜ button on the front of the TV.• If the Ⓜ indicator on the TV is lit press the TV I/Ⓜ button or a numbered button on the remote control.• Check the aerial connection.• Turn the TV off for 3 or 4 seconds and then turn it on again using the Ⓜ button on the front of the TV.
Poor or no picture (screen is dark), but good sound.	<ul style="list-style-type: none">• Using the MENU system, select the Picture Adjustment menu. Adjust the brightness, picture and colour balance levels.• From the Picture Adjustment menu select RESET to return to the factory settings.
Good picture, no sound.	<ul style="list-style-type: none">• Press the Ⓜ button on the remote control.• If Ⓜ is displayed on the screen, press the Ⓜ button on the remote control.
No colour on colour programmes.	<ul style="list-style-type: none">• Using the MENU system, select the Picture Adjustment menu and adjust the colour setting.• From the Picture Adjustment menu select RESET to return to the factory settings.
Distorted picture when changing channels or selecting Text.	<ul style="list-style-type: none">• Turn off any equipment connected to the scart connectors on the rear of the TV.
Remote control does not function.	<ul style="list-style-type: none">• Check that the ◀MODE▶ Selector button on the remote control is set according to the device you are using (VCR, DVD or TV).• If the remote control does not operate your VCR or DVD even when the ◀MODE▶ Selector button has been set correctly, refer to the 'Remote control of other equipment' section of this instruction manual and enter the correct code.• Replace the batteries.
Interference on picture from connected equipment.	<ul style="list-style-type: none">• Reduce sharpness level.
The standby indicator Ⓜ on the TV flashes.	<ul style="list-style-type: none">• Contact your nearest Sony service centre.

- If you continue to have these problems, have your TV serviced by qualified personnel.
- NEVER open the casing yourself.

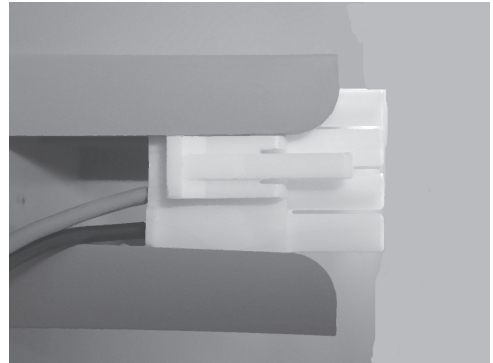
SECTION 2 DISASSEMBLY

2-1. Rear Cover Removal



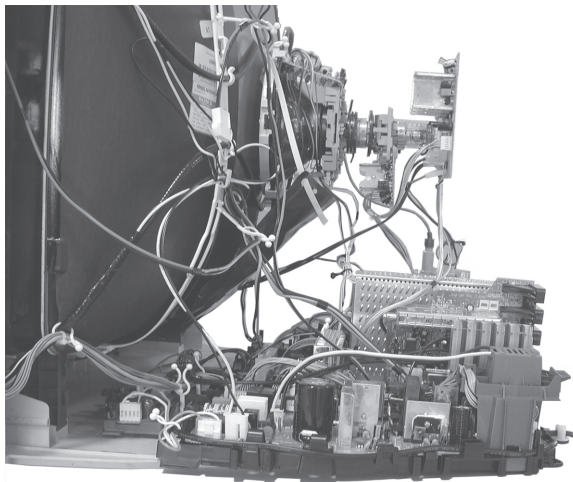
Remove the rear cover fixing screws indicated. Take care when removing the rear cover not to damage the speaker cables [Disconnect the speaker connector] as speakers are fitted inside the rear cover.

2-2. Speaker Connector Disconnection

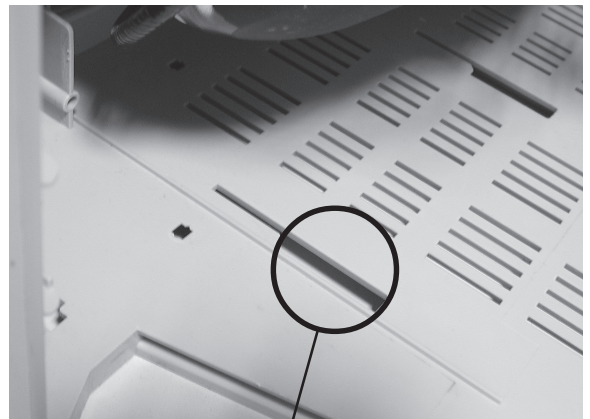


Before completely removing the rear cover disconnect the speaker connector which is located on the inside.

2-3. Chassis Removal and Refitting

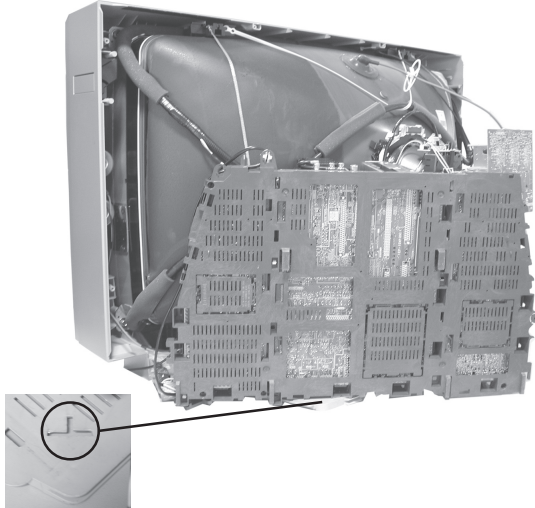


To remove lift the main bracket rear slightly and slide the chassis away from the beznet. Ensure that the interconnecting leads are released from their purse locks to prevent damage being caused.



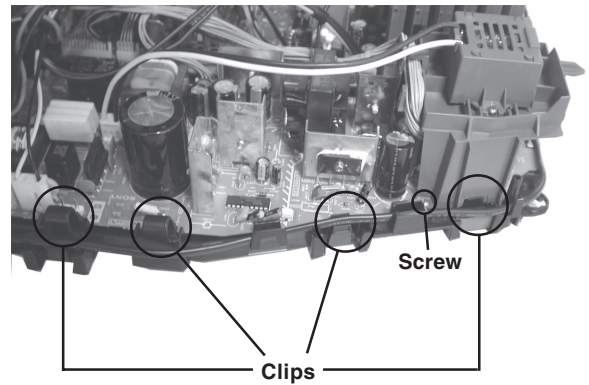
When refitting the chassis ensure that the main bracket is located in the beznet guide slots before sliding the chassis forwards. Refit the inter-connecting leads in their respective purse locks.

2-4. Service Position



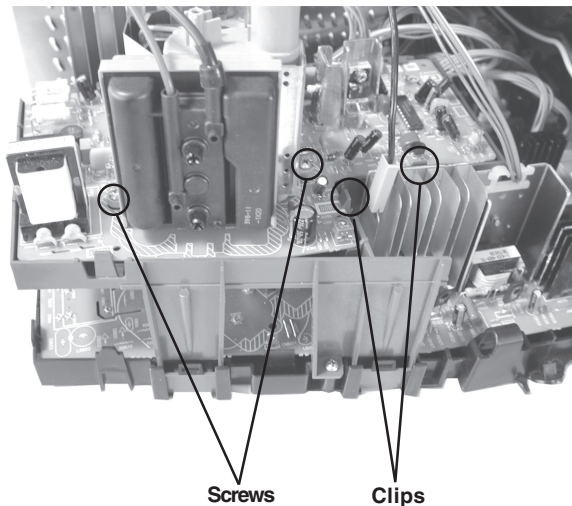
To place the chassis in the service position, remove the D2 bracket (see 2-7.) and locate on the beznet inside the set. Insert the main bracket firmly into the T-slot located on the left corner of the beznet as indicated (see inset). To gain access to the underside of the boards follow the instructions on page 19. [Removal and Replacement of the main bracket bottom plates].

2-5. G Board Removal



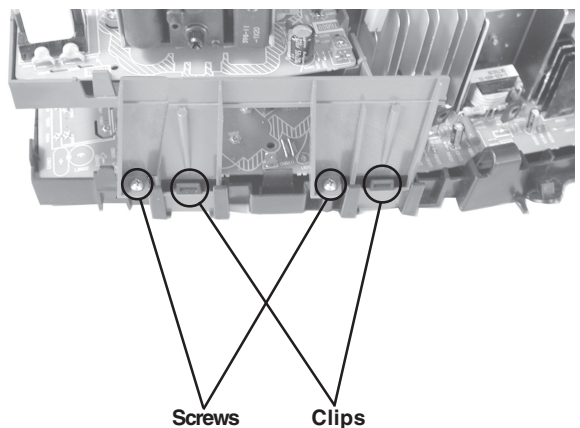
To remove the G Board first remove the PFC bracket by removing the two fixing screws (one on each side of the bracket) and lifting away from the G board. Remove the screw from the centre of the G board, release the clips circled and ease the board gently away from the support bracket.

2-6. D2 Board Removal



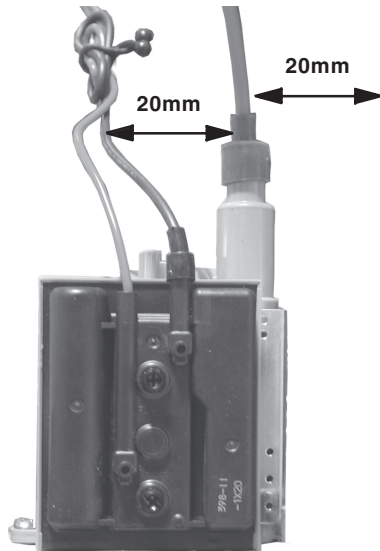
To remove the D2 board remove the two screws circled, release the clips circled and ease the board gently away from the support bracket.

2-7. D1 Board Removal



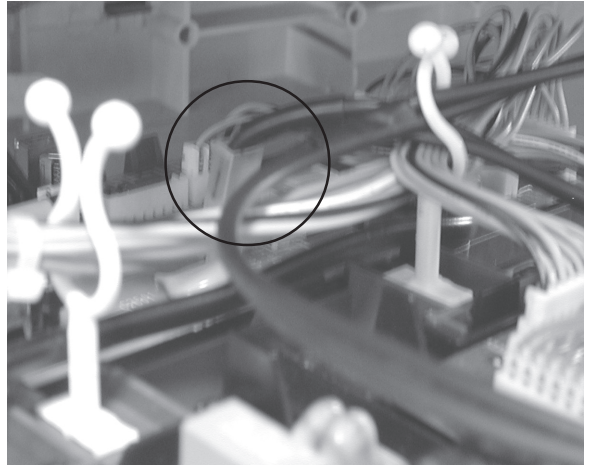
To remove the D1 board first remove the D2 bracket by removing the three screws from the bracket (one on opposite side) and releasing the four clips (two on each side of the bracket). The D1 board can then be removed using the same method as the G board.

2-8. Wire Dressing 1



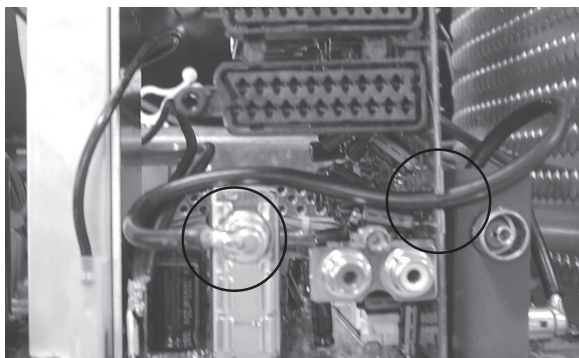
Ensure that wires do not touch heatsinks and high temperature hotspots. All wires must be kept at a minimum distance of 20mm away from the EHT lead

2-9. Wire Dressing 2



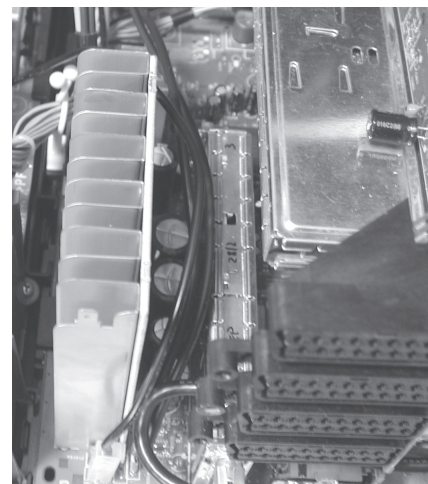
The sheathed end of the ground connecting lead must be plugged into the F3 board to avoid the possibility of the AC mains power touching ground.

2-10. Wire Dressing 3



Ensure the RF lead is dressed as shown circled above to avoid obstructing the rear cover.

2-11. Wire Dressing 4

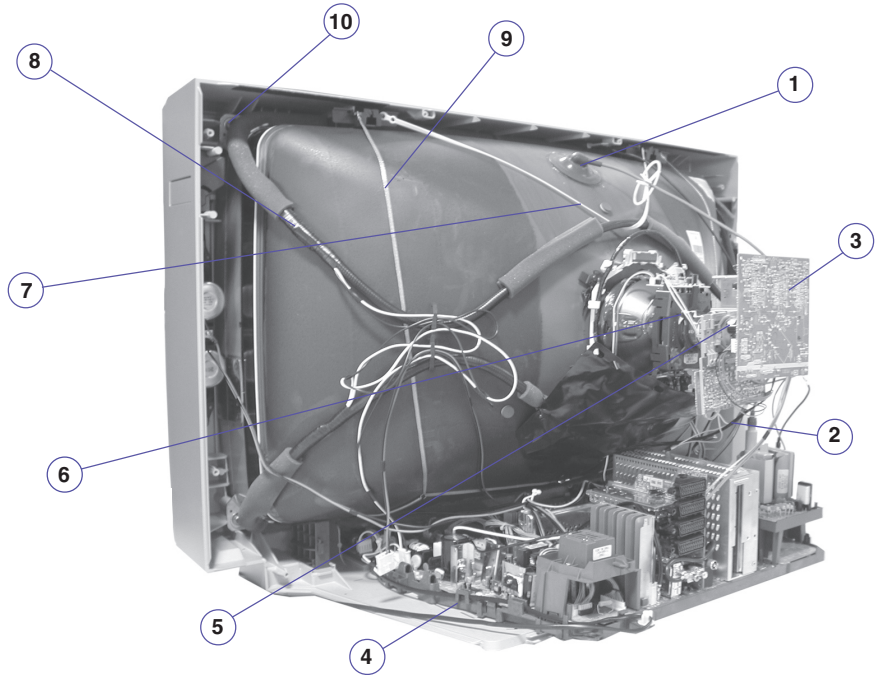
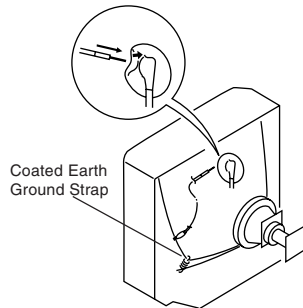


To avoid damage to the ground interconnecting leads from the sharp edges of the heatsink they must be dressed as shown above between the rear of the heatsink and the tuner.

2-12. Picture Tube Removal

WARNING: BEFORE REMOVING THE ANODE CAP

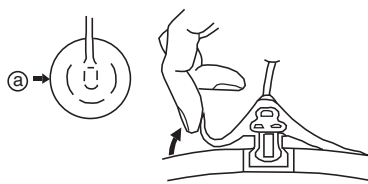
High voltage remains in the CRT even after the power is disconnected. To avoid electric shock, discharge CRT **before** attempting to remove the anode cap. Short between anode and CRT coated earth ground strap.



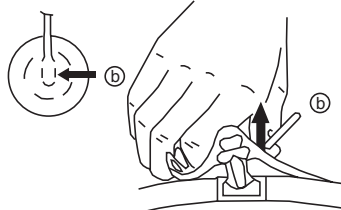
1. Discharge the anode of the CRT and remove the anode cap.
2. Unplug all interconnecting leads from the Deflection yoke, neck assy, degaussing coils and CRT grounding strap.
3. Remove the C Board from the CRT.
4. Remove the chassis assembly.
5. Loosen the Neck assembly fixing screw and remove.
6. Loosen the Deflection yoke fixing screw and remove.
7. Place the set with the CRT face down on a cushion and remove the Degaussing Coil holders.
8. Remove the Degaussing Coils.
9. Remove the CRT grounding strap and spring tensioners.
10. Unscrew the four CRT fixing screws [located on each CRT corner] and remove the CRT.
[Take care not to handle the CRT by the neck.]

Removal of the Anode-Cap

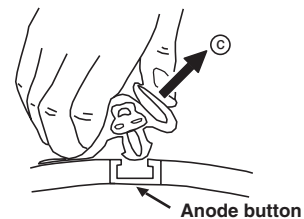
REMOVAL PROCEDURE.



- ① Turn up one side of the rubber cap in the direction indicated by the arrow (a)



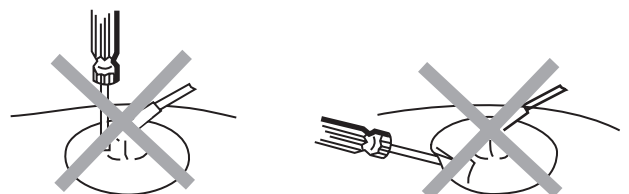
- ② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow (b)



- ③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow (c)

How to handle the Anode-Cap

1. To prevent damaging the surface of the anode-cap do not use sharp materials.
2. Do not apply too great a pressure on the rubber, as this may cause damage to the anode connector.
3. A metal fitting called a shatter hook terminal is fitted inside the rubber cap.
4. Do not turn the rubber foot over excessively, this may cause damage if the shatter hook sticks out.

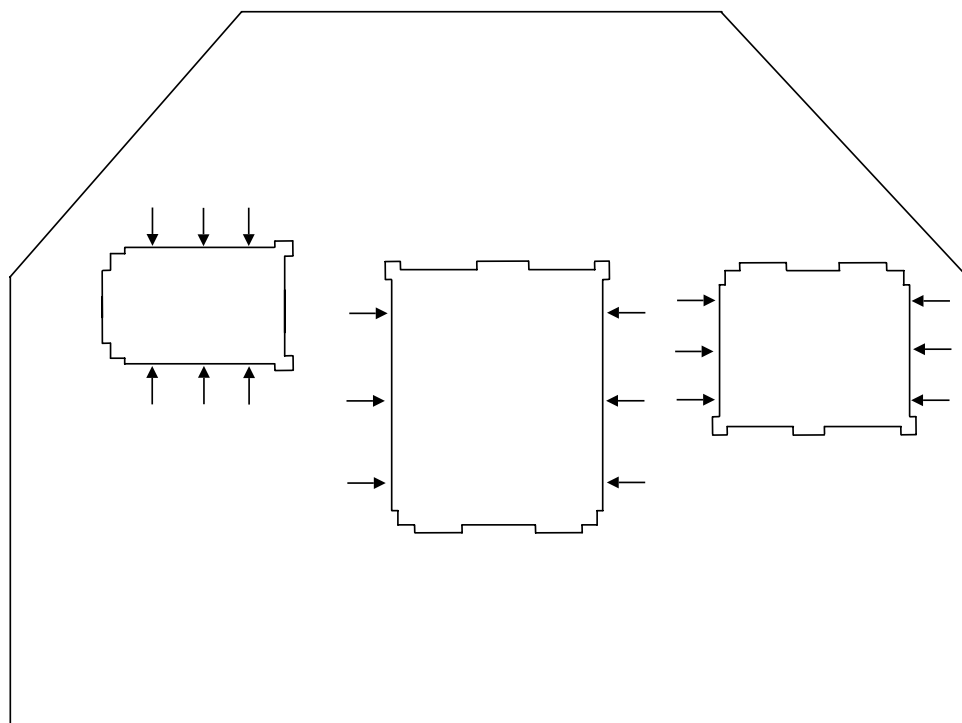


REMOVAL AND REPLACEMENT OF THE MAIN-BRACKET BOTTOM PLATES.

(1) REMOVING THE PLATES

In the event of servicing being required to the solder side of the A, D1 or G printed wiring boards, the bottom plates fitted to the main chassis bracket require to be removed. This is performed by cutting the gates with a sharp wire cutter at the locations indicated by the arrows.

Note : There are 3 plates fitted to the main bracket and secured by 3 gates.
Only remove the necessary plate to gain access to the printed wiring board.

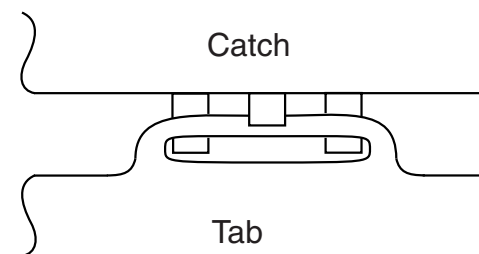


For safety reasons, on no account should the plates be removed and not refitted after servicing.

(2) REFITTING THE PLATES

Because the plates differ in size it is important that the correct plates are refitted in their original location.

Please note that the plates need to be rotated 180 degrees from their cut position to allow the tabs to be fitted into their catch positions.



SECTION 3 SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there are specific instructions to the contrary, carry out these adjustments with the rated power supply.
- Unless there are specific instructions to the contrary, set the controls and switches to the following settings :

Contrast normal

Brightness normal

Carry out the adjustments in the following order :

- 3-1. Beam Landing and Geometry.
- 3-2. Convergence.
- 3-3. Focus.
- 3-4. White Balance.

Note : Test equipment required.

1. Color bar/pattern generator.
2. Degausser.
3. Oscilloscope.
4. Digital multimeter.

3-1. Beam Landing

Preparation :

1. In order to reduce the influence of geomagnetism on the set's picture tube, face it in an easterly or westerly direction.
2. Switch on the TV set's power and degauss with a degausser.

(1) Adjustment of Correction Magnet for Y-Splitting Axis.

1. Input a crosshatch signal from the pattern generator.
2. Set the Picture control to minimum and confirm that the Brightness control is set to normal.
3. Position the neck assembly as indicated in Fig.3-3.
4. Loosen the deflection yoke fixing screw.
5. Move the deflection yoke as far forward as is possible.
6. Adjust the upper and lower pin symmetrically by opening or closing the Y-splitting axis correction magnets located on the neck assembly. [See Fig 3-2]
7. Return the deflection yoke to its original position and re-tighten its fixing screw.

Fig.3-1

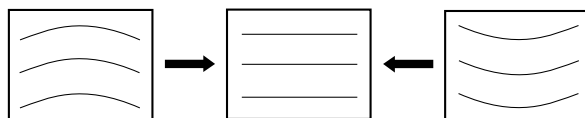
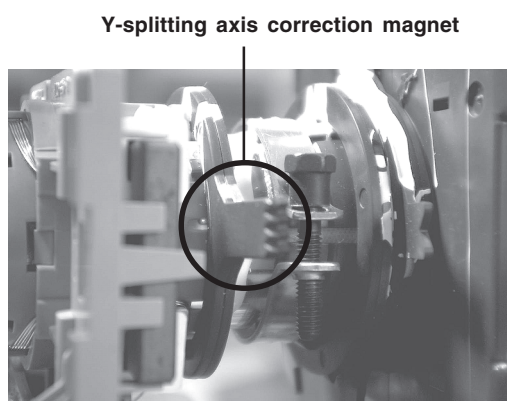


Fig.3-2

Caution :

High voltages are present on the Deflection yoke terminals - take care when handling the Deflection yoke whilst carrying out adjustments.

(2) Landing and Geometry

Note : Before carrying out the following adjustments adjust the magnets as indicated on page 22 [See Fig.3-4].

1. Input a crosshatch signal from the signal generator.
2. Rough-adjust the focus and horizontal convergence.
3. Switch from the crosshatch pattern to an all-red pattern.
4. Move the deflection yoke backwards and adjust with the purity magnet so that the red is at the centre and it aligns symmetrically [See Fig.3-5].
5. Move the deflection yoke forward to the point where the entire screen just becomes red [Mark its position].
6. Move the deflection yoke further forward until the screen just changes colour at the edges. [Mark its position].
7. Position the deflection yoke between the two marks indicated above.
8. Input a crosshatch pattern from the pattern generator and rotate the deflection yoke so that the horizontal lines are parallel with the top and bottom of the screen.
9. When the position of the deflection yoke has been determined, fasten it with its fixing screw.
10. Once dy rotation and swing left and right for h linearity is ok on cross hatch pattern, insert dy wedges. [See Fig.3-6].
11. Switch the pattern generator to green then blue and confirm the purity.
12. If the beam does not land correctly in all the corners of the screen, use disk magnets to correct it. [Confirm the corner landing for green and blue].
13. Re-check geometry for landing magnet effect. Adjust using deflection menu. [TT Mode].

Fig.3-3

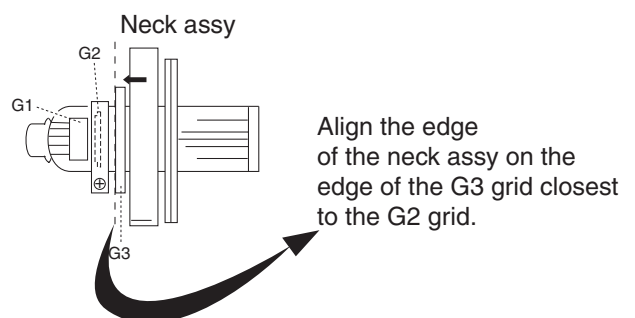


Fig.3-4

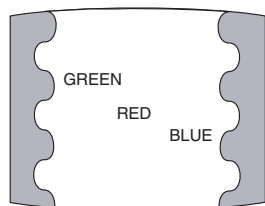
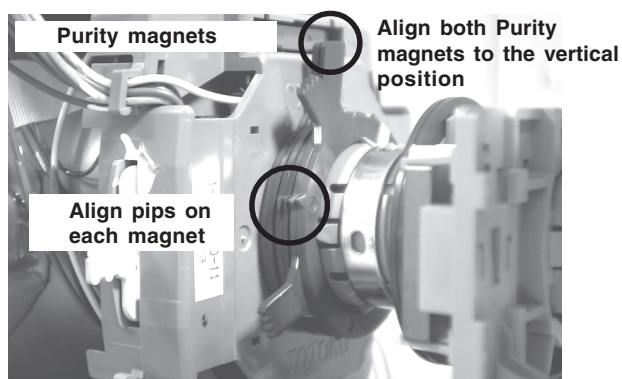


Fig.3-5

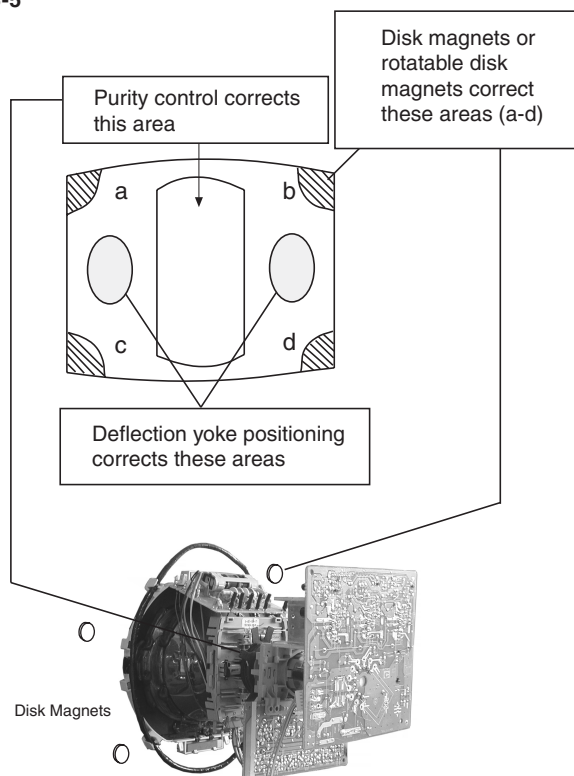
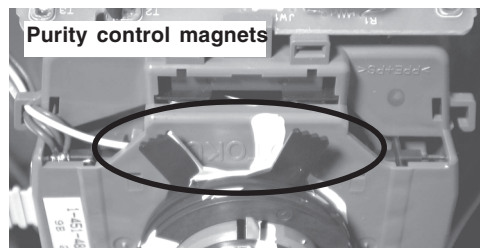
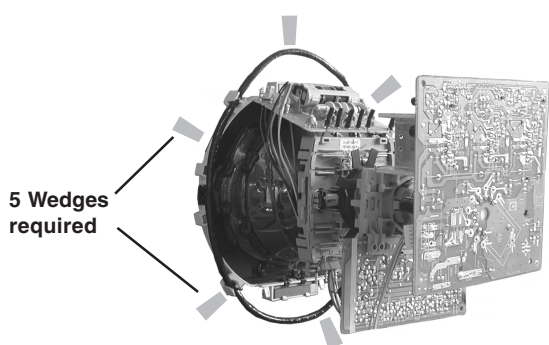


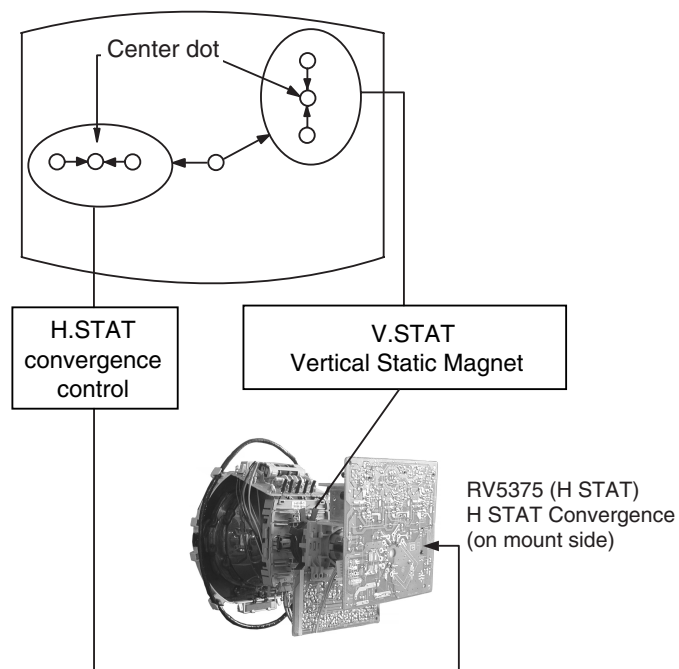
Fig.3-6



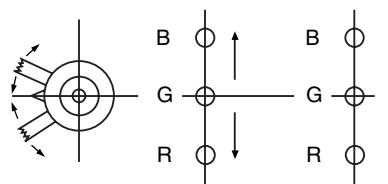
3-2. Convergence

(1) Screen centre convergence [Static convergence]

1. Input a dot pattern signal from the pattern generator.
2. Normalize the picture setting.
3. [Moving vertically], adjust the V.STAT magnet so that the vertical red, green and blue dots coincide at the centre of the screen.



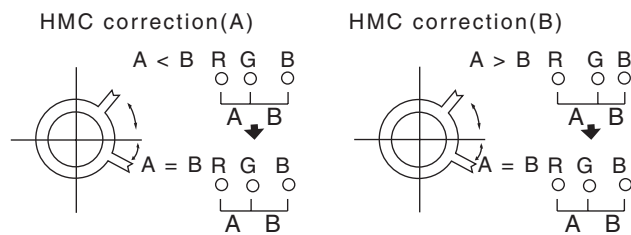
By opening or closing the V.STAT magnet, the red green and blue dots move in the direction indicated below.



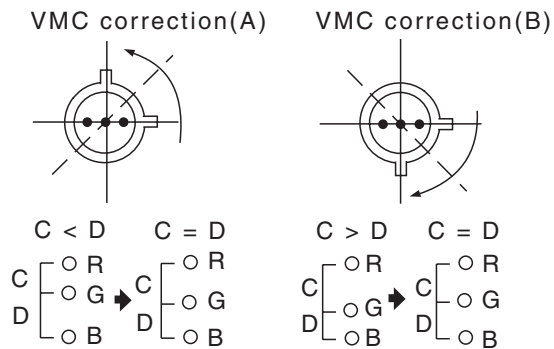
Note: Do not adjust the H.STAT by rotating the V.STAT magnets as this can affect the focus setting.

4. Correction for HMC [Horizontal mis-convergence] and VMC [Vertical mis-convergence] by using the BMC [Hexapole] magnet.

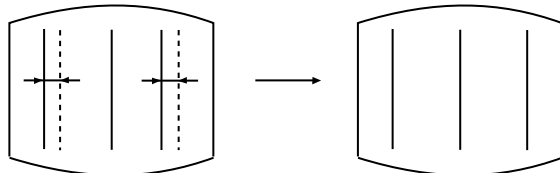
- a). HMC correction by BMC [Hexapole] magnet and movement of the electron beam.



- b). VMC correction by BMC [Hexapole] magnet and movement of the electron beam.

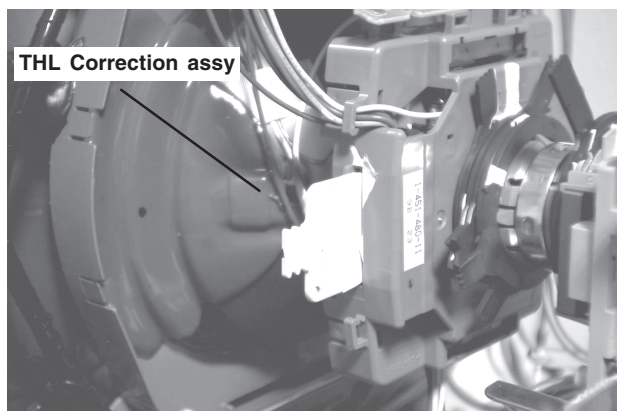


HAMP Adjustment

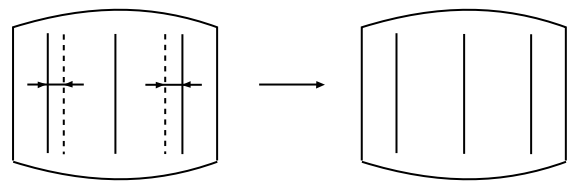


Adjust the HAMP using HAMPL and HAMPR registers in the Dynamic Convergence section of the service menu.

HTIL Adjustment



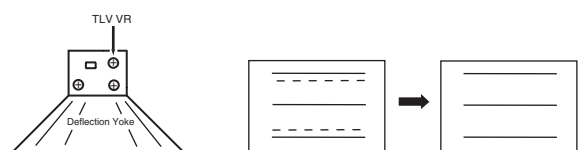
HTIL correction can be performed by adding a THL correction assembly to the Deflection yoke.



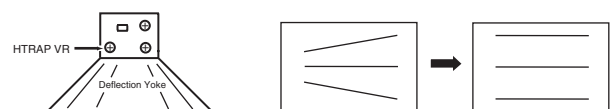
YCH Adjustment



TLV Adjustment

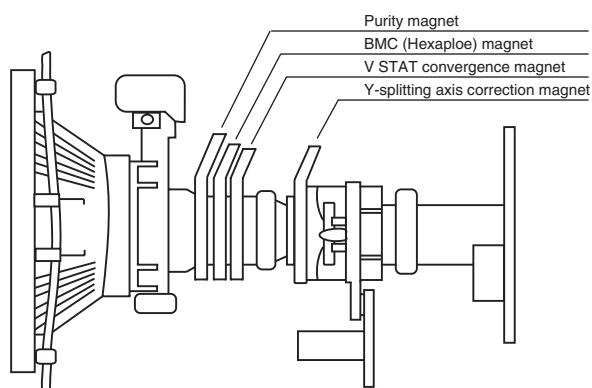


H-TRAP Adjustment

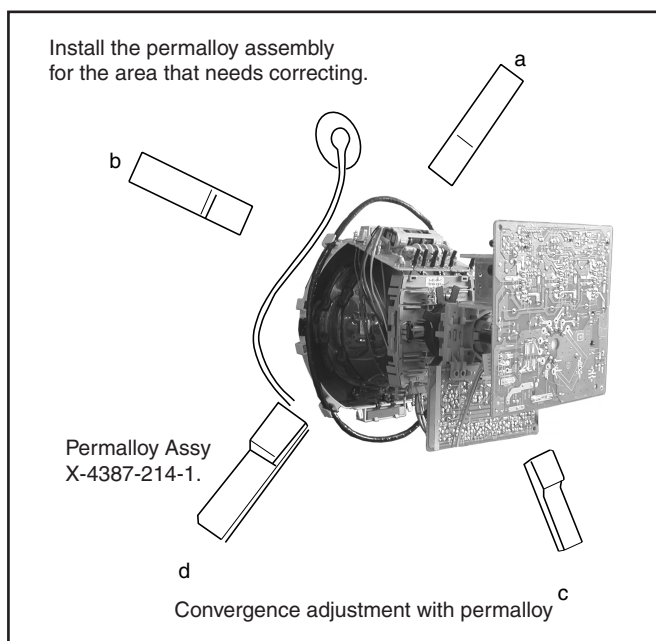
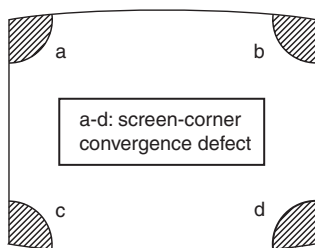


The H-TRAP should not be adjusted unless absolutely necessary as it affects the TLV settings.

Layout of each control

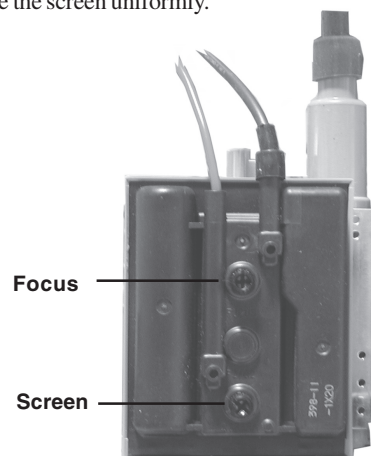


Note : If you are unable to adjust the corner convergence properly, this can be corrected with the use of permalloy magnets.



3-3. Focus Adjustment

1. Receive a cross hatch pattern from a video generator.
 2. Adjust the focus control located on the flyback transformer to the best level at the centre of the screen.
 3. Check left and right x-axis vertical line thickness and adjust to make them as thin as possible.
 4. Considering x-axis and centre, adjust to make uniform.
 5. If no cross hatch signal is possible, follow the next three steps.
 6. Receive a television broadcast signal.
 7. Normalize the picture setting.
 8. Adjust the focus control located on the flyback transformer to obtain the best focus at the centre of the screen.
- Bring only the centre area of the screen into focus, the magenta-
ring appears on the screen. In this case, adjust the focus to
optimize the screen uniformly.



3-4. Screen (G2), White Balance

[Adjustment in the service mode using the remote commander]

G2 adjustment

1. Input a dot signal from the pattern generator.
2. Set the Picture, Brightness and Colour to minimum.
3. Apply 165V DC from an external power supply to the R, G and B cathodes of the CRT.
4. Whilst watching the picture, adjust the G2 control [SCREEN] located on the flyback transformer to the point just before the flyback return lines disappear.

White balance adjustment for TV mode

1. Input an all-white signal from the pattern generator.
2. Program the Remote Commander for operation in Service Mode. [See Page 25].
3. Enter into the 'Service Mode' by pressing 'VIDEO' button twice and 'MENU' on the Service Commander.
4. Select 'Device Register Setting' from the on screen menu display and press 'Right Arrow'.
5. Select 'Backend' from the on screen menu display and press 'Right Arrow'.
6. Set the 'Contrast' to MAX.
7. Set the 'R-Drive' to 45.
8. Adjust the 'G-Drive' and the 'B-Drive' so that the white balance becomes optimum.
9. Press the 'OK' button to write the data for each item.
10. Set the 'Contrast' to MIN.
11. Set the 'R-Cutoff' to 35.
12. Adjust the 'G-Cutoff', and the 'B-Cutoff' with the left and right buttons on the remote commander so that the white balance becomes optimum.
13. Press the 'OK' button to write the data for each item.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. Electrical Adjustments


Service adjustments to this model can be performed using the supplied remote Commander RM-938.

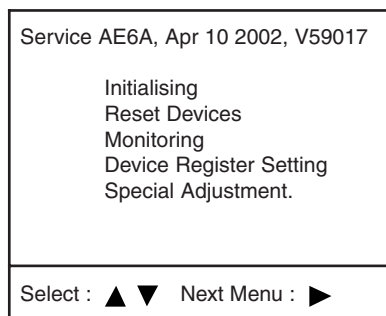
Programming the Remote Commander for Operation in Service Mode

1. Press the VCR/TV/DVD button until the TV LED lights.
2. Press and hold the yellow button for approx. 5 seconds until the TV LED flashes quickly.
3. Press 99999. All three LED's should light.
The remote commander is now set to Service Mode.
4. To return the remote commander to normal operation mode repeat steps 1. and 2. then press 00000. All three LED's should light.
The remote commander is now set to normal mode.



Setting the TV into Service Mode

1. Program the remote commander for operation in Service Mode as described above.
2. Turn on the TV main power switch.
3. Press the video standby button  on the remote commander twice.
'TT __' will appear in the upper right corner of the screen.
Other status information will also be displayed.
4. Press 'MENU' on the remote commander twice to obtain the following menu on the screen.

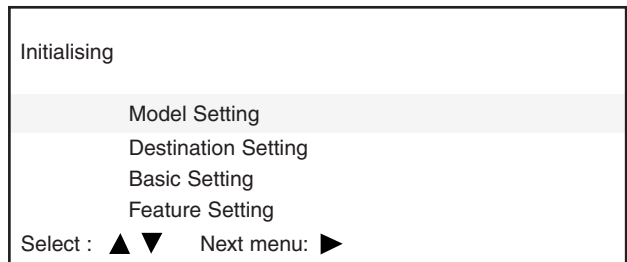


5. Move to the corresponding adjustment item using the up or down arrow buttons on the Remote Commander.
6. Press the right arrow button to enter into the required menu item.
7. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note :

- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.
- Certain menu items are only available in production mode.

Initialising Menu



Model Setting

The menu contains a list with all the available models of this software to set up the TV set in an easy way. The selection of a model is setting data for its features and hardware resources which cannot be detected by the automatic power on H/W detection as well as a special *model byte* to get an unique model identification for models which cannot be differed by features and hardware resources (e.g. KV-29FQ76 and KV-32FQ80)

Before data is set, the user will be asked if he really wants to set a new model. If the user agrees, automatically the destination setting menu is shown.

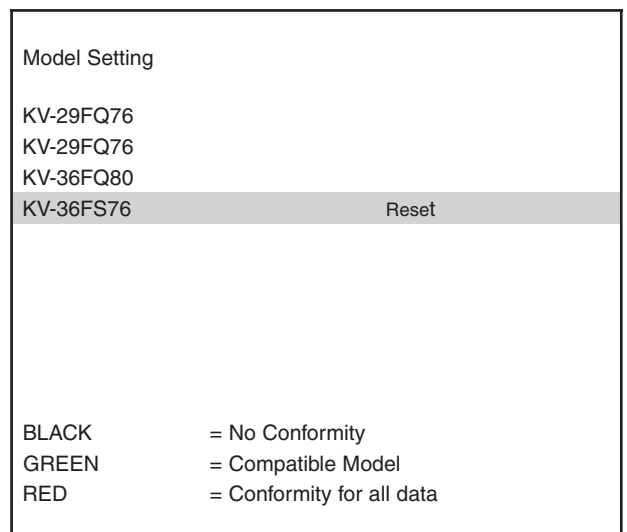


Table.4-1

Indication of Model Compatibility.

Black:

If any data does not match to specific model, the model name is displayed in black.

Green:

All data which is checked by model setting menu concurs to model except model byte.

Red:

All data which is checked by model setting menu concurs to model including model byte.

Note:

After selecting a model, it may be necessary to reset some devices to get the correct data. (Treble/Bass Offset of Sound, deflection adjustments, ...)

Basic Setting

Basic setting					
No	Descr	Min	Max	Data	
1	Sys.B/G	OFF	ON	ON	
2	Sys.D/K	OFF	ON	ON	
3	Sys.L	OFF	ON	OFF	
4	Sys.I (UK)	OFF	ON	OFF	
5	Sys.I (IRL)	OFF	ON	OFF	
6	TXTNat.option	1	4	3	
7	16:9 CRT	OFF	ON	OFF	
8	Sub-woofer	OFF	ON	ON	
9	Auto stand-by	OFF	ON	ON	
10	Comb-filter	OFF	ON	ON	
11	Auto YC det	OFF	ON	ON	
12	Auto comb det	OFF	ON	ON	
13	AV2 Available	OFF	ON	ON	
14	AV3 Available	OFF	ON	ON	
15	AV4 Available	OFF	ON	ON	
16	AV5 Available	OFF	ON	ON	
17	SECAM Tape	OFF	ON	OFF	
18	AV1 Sound Mute	OFF	ON	ON	

Table.4-2

Feature Setting

Feature setting					
No	Descr	Min	Max	Data	
1	PAP	OFF	ON	ON	
2	PAT	OFF	ON	ON	
3	INDEX	OFF	ON	ON	
4	TeleText	OFF	ON	ON	
5	EPG	OFF	ON	ON	
6	TeleWeb	OFF	ON	OFF	

Table.4-3

Device Register Setting

Backend
Deflection
Ext Deflection
Dynamic Convergence
Colour Decoder 1
Colour Decoder 2
Audio / Video Switch
Mid - X
External PLL Mid - X
Sound
Digital NR

Table.4-4

Audio / Video Switch

No	Descr	Def	Min	Max	Data
1	CVOUT1	0	0	9	0
2	CVOUT2	2	0	9	0
3	LO0 CTRL	OFF	OFF	ON	OFF
4	LO1 CTRL	OFF	OFF	ON	OFF
5	YCOUT 1	2	0	7	2
6	YCOUT 2	0	0	7	0
7	ZCD SW	OFF	OFF	ON	OFF
8	AOUT3MUTE	OFF	OFF	ON	OFF
9	AOUT 1	3	0	7	3
10	AOUT 2	1	0	7	1
11	GROUP DEL	16	0	31	16
12	AOUT 3	3	0	7	3
13	AOUT3VOLC	4	0	7	4
14	AOUT3VOLF	4	0	7	4
15	AOUT3 L/R	0	0	3	0
16	GD1 SW	ON	OFF	ON	ON
17	GD2 SW	ON	OFF	ON	ON
18	SYNC1	1	0	1	1
19	SYNC2	1	0	1	1
20	SCONT 1	3	2	3	3
21	VIDEO 1	4	0	3	4
22	AUDIO 1	0	0	3	0
23	SCONT 2	2	2	3	2
24	VIDEO 2	4	0	3	4
25	AUDIO 2	0	0	3	0
26	SCONT 3	2	2	3	2
27	VIDEO 3	0	0	3	0
28	AUDIO 3	1	0	3	1

Table.4-5

Ext. Deflection

No	Descr	Def	Min	Max	Data
1	DF Phase	185	0	255	185
2	DQP Phase	125	0	255	125
3	Mid Linear	135	0	255	135
4	H Linear	100	0	255	120
5	DQP ac amp	150	0	255	132
6	DQP dc lvl	148	0	255	126
7	H Cent 36"	0	0	255	80

Table.4-6

Mid-X

No	Descr	Def	Min	Max	Data
1	M H POS	0	-16	16	0
2	S H POS	0	-8	8	0
3	D YS SEL	1	0	3	1
4	D YS DELAY	7	0	7	7
5	D SYNC MOD	ON	OFF	ON	ON
6	Text Sharp	OFF	OFF	ON	OFF
7	Ext. PLL	OFF	OFF	ON	OFF
8	H Filter	OFF	OFF	ON	OFF

Table.4-7

Colour Decoder 1					
No	Descr	Def	Min	Max	Data
1	CLK SEL	0	0	3	0
2	SYS CLK	ON	OFF	ON	ON
3	DSP CLK	3	0	3	3
4	DEL	OFF	OFF	ON	OFF
5	PLL	OFF	OFF	ON	OFF
6	REF CLK	1	0	3	1
7	AD SEL	0	0	3	0
8	DCLP ON	OFF	OFF	ON	OFF
9	CLP OFF	OFF	OFF	ON	OFF
10	COMB SEL	OFF	OFF	ON	OFF
11	AW OFF	OFF	OFF	ON	OFF
12	SYS MODE	0	0	15	0
13	SIG FORM	12	0	15	12
14	CLIP LEV	0	0	3	0
15	Y NR	0	0	3	0
16	C NR	0	0	3	0
17	BLK MODE	2	0	3	2
18	Y LEV	102	0	255	102
19	C LEV	108	0	255	108
20	OSD LEV	0	0	3	0
21	OSD RES	OFF	OFF	ON	OFF
22	SHP COR	0	0	3	0
23	FUP2	1	0	3	1
24	YC DLY ADJ	6	0	15	6
25	A PED	0	0	3	0
26	DC TRAN	0	0	3	0
27	SUB SHP	9	0	15	9
28	Y EQ	3	0	7	3
29	SHP FO	ON	OFF	ON	ON
30	APDATK	0	0	3	0
31	APDHLD	0	0	3	0
32	APDAREA	0	0	3	0
33	APDHIS	0	0	3	0
34	DCTRTC	0	0	3	0
35	DCLP TC	0	0	3	0
36	CLP POS	7	0	15	7
37	C EQ	0	0	3	0
38	C BPF	0	0	3	0
39	CDIF TRAP	OFF	OFF	ON	OFF
40	SSEP TC	OFF	OFF	ON	OFF
41	INT COMB	0	0	3	0
42	SUB HUE	7	0	15	7
43	CLP GR LIN	0	0	3	0
44	CLP ADAP G	OFF	OFF	ON	OFF
45	HS SLICE	0	0	3	0
46	VS SLICE	1	0	3	1
47	STIP TC	1	0	3	1
48	SYNC LPF	ON	OFF	ON	ON
49	SYNC FIL	OFF	OFF	ON	OFF
50	AFC GAIN	1	0	3	1
51	LOW GAIN	1	0	3	1
52	AFC SPDUP	ON	OFF	ON	ON
53	LOW CO	ON	OFF	ON	ON
54	HIGH CO	0	0	3	0
55	CD MODE1	0	0	3	0
56	CD MODE2	OFF	OFF	ON	OFF

Table.4-8

Colour Decoder 1 (cont)					
No	Descr	Def	Min	Max	Data
57	CD MODE3	OFF	OFF	ON	OFF
58	HS POS	5	0	15	5
59	NTHRLND	OFF	OFF	ON	OFF
60	SLICE LEV	0	0	31	0
61	UPAREA	OFF	OFF	ON	OFF
62	UPTHIN	OFF	OFF	ON	OFF
63	X149J	OFF	OFF	ON	OFF
64	DM STC	OFF	OFF	ON	OFF
65	IN ST	OFF	OFF	ON	OFF
66	UP R LVL	ON	OFF	ON	ON
67	OFS LVL	OFF	OFF	ON	OFF
68	SLO FST	OFF	OFF	ON	OFF
69	FROM 43	2	0	3	2
70	FROMWIDE	2	0	3	2
71	FR TITLES	2	0	3	2
72	LPF L	ON	OFF	ON	ON
73	AW RESET	OFF	OFF	ON	OFF
74	DTO SLOPE1	0	0	255	0
75	DTO SLOPE2	0	0	255	0
76	DTO SLOPE3	0	0	255	0
77	SETUP CANC	0	0	15	0
78	V INT	7	0	15	7
79	EXT CLP PH	0	0	63	0
80	TEST OUT	OFF	OFF	ON	OFF
81	COL SYSTEM	8	0	15	8
82	RGB MODE	2	0	3	2
83	YSSEL	OFF	OFF	ON	OFF
84	N DET	OFF	OFF	ON	OFF
85	V ENHANCE	4	0	7	4
86	PNR	OFF	OFF	ON	OFF
87	V FREQ	0	0	3	0
88	N COMB	OFF	OFF	ON	OFF
89	AUTO SW	OFF	OFF	ON	OFF
90	SECAM TRAP	OFF	OFF	ON	OFF
91	BELL MODE	OFF	OFF	ON	OFF
92	SECAM KIL	1	0	3	1
93	ID POS	2	0	3	2
94	ID WID	ON	OFF	ON	ON
95	E-COL SYS	OFF	OFF	ON	OFF
96	E-INPUT	OFF	OFF	ON	OFF
97	E-HLOCK	OFF	OFF	ON	OFF
98	E-V FREQ	ON	OFF	ON	ON
99	E-WSS	OFF	OFF	ON	OFF
100	INT RESET	OFF	OFF	ON	OFF
101	SRC2SW	0	0	3	0
102	COMBSW	0	0	3	0
103	RGBSW	OFF	OFF	ON	OFF
104	SECAM BLK	1	0	3	1
105	V ENH LVL	1	0	3	1
106	SCMCDLY	OFF	OFF	ON	OFF
107	SCMID	OFF	OFF	ON	OFF
108	SCMADP	ON	OFF	ON	ON
109	KILL TIME	OFF	OFF	ON	OFF
110	KILL LVL	2	0	3	2
111	KN POS	5	0	7	5
112	KD WID	7	0	15	7

Table.4-9

Colour Decoder 2					
No	Descr	Def	Min	Max	Data
1	TINT	31	0	63	31
2	P/N GW	OFF	OFF	ON	OFF
3	P/N ID	OFF	OFF	ON	OFF
4	SUB COLOUR	7	0	15	7
5	SUB CONTR	8	0	15	8
6	SHARP FO	1	0	3	1
7	SHARP EQ	2	0	3	2
8	SHARP GAIN	8	0	15	8
9	Y-OUT LEV.	45	0	63	38
10	BS POINT	0	0	3	0
11	C-OUT LEV.	38	0	63	38
12	DC REST	0	0	3	0
13	BPF FO	1	0	3	1
14	BPF Q	1	0	3	1
15	FILTER SW	OFF	OFF	ON	OFF
16	C-TRAP SW	0	0	1	0
17	S-D TRAP	ON	OFF	ON	ON
18	LPF	ON	OFF	ON	ON
19	Y-DL	4	0	10	4
20	N-COMB	ON	OFF	ON	ON
21	VIDEO SEL	0	0	15	0
22	RGB SEL	0	0	3	0
23	HALF TONE	OFF	OFF	ON	OFF
24	Cr OFF. 1	7	0	15	7
25	Cb OFF. 1	7	0	15	7
26	Cr OFF. 2	7	0	15	7
27	Cb OFF. 2	7	0	15	7
28	V CD FREQ	3	0	7	3
29	V CD MODE	1	0	3	1
30	AFC SENS	1	0	3	1
31	MVM	OFF	OFF	ON	OFF
32	S R-Y ADJ	6	0	15	6
33	S B-Y ADJ	4	0	15	4
34	BELL/HPF	2	0	3	2
35	BELL FO	OFF	OFF	ON	OFF
36	S GP	2	0	3	2
37	S ID	OFF	OFF	ON	OFF
38	RGB1 ENB	OFF	OFF	ON	OFF
39	HS-PH	0	0	1	0
40	Auto SW	1	0	1	1
41	C-ID	1	0	1	1
42	VP-PH	0	0	1	0
43	S/N RATIO	3	0	3	3

Table.4-10

Digital NR					
No	Descr	Def	Min	Max	Data
1	NR Table	0	0	7	0
2	Lcc1	0	0	63	0
3	Lcc2	0	0	63	0
4	Lcc3	0	0	63	0
5	UVLim_Sel	0	0	7	0

Table.4-11

Backend					
No	Descr	Def	Min	Max	Data
1	R-on	ON	OFF	ON	ON
2	G-on	ON	OFF	ON	ON
3	B-on	ON	OFF	ON	ON
4	D-col	0	0	3	0
5	Wb-Sw	OFF	OFF	ON	OFF
6	Gamma-L	OFF	OFF	ON	OFF
7	Contrast	40	0	63	40
8	BLK-Bottom	3	0	3	3
9	Hue	28	0	63	26
10	Colour-Axis	1	0	3	1
11	Colour	31	0	63	31
12	CTI-Level	2	0	3	2
13	Brightness	25	0	63	25
14	S-Abl	0	0	3	0
15	Sharpness	25	0	63	25
16	LTI-Level	0	0	3	0
17	R-Drive	35	0	63	35
18	PLimit	0	0	3	0
19	G-Drive	41	0	63	41
20	ABL-Mode	0	0	3	0
21	B-Drive	41	0	63	41
22	CTI-Mode	0	0	3	0
23	Sub Bright	6	0	63	6
24	Gamma	1	0	3	1
25	R-Cutoff	31	0	63	31
26	LTI-Mode	1	0	3	1
27	G-Cutoff	27	0	63	27
28	DPIC-Level	1	0	3	1
29	B-Cutoff	31	0	63	31
30	DC-Tran	1	0	3	1
31	Sub-Cont	8	0	15	8
32	LRGB2-Lvl	8	0	15	8
33	P-Abl	15	0	15	15
34	ABL-TH	0	0	15	0
35	CB-Off. P	32	0	63	54
36	CR-Off. P	29	0	63	11
37	CB-Off. S	54	0	63	63
38	CR-Off. S	1	0	63	63
39	Aging-W	OFF	OFF	ON	OFF
40	Aging-B	OFF	OFF	ON	OFF
41	System	1	0	3	1
42	Y-offset	7	0	15	7
43	VM-Level	1	0	3	1
44	Sharp. FO	ON	OFF	ON	ON
45	CD-Off	OFF	OFF	ON	OFF
46	Sharp. CD	2	0	3	2
47	Sharp. FI	0	0	3	0
48	Pre/Over	2	0	3	2
49	VM-Cor	0	0	3	0
50	VM-FO	2	0	3	2
51	VM-Limit	3	0	3	3
52	VM-Delay	2	0	3	2
53	Sub Colour	0	-8	8	0

Table.4-12

Deflection System Adjustment

1. Enter into the service mode and select 'Deflection' from the menu. The 'Deflection' adjustment menu will be displayed.
2. Select and adjust each item to obtain the optimum image.

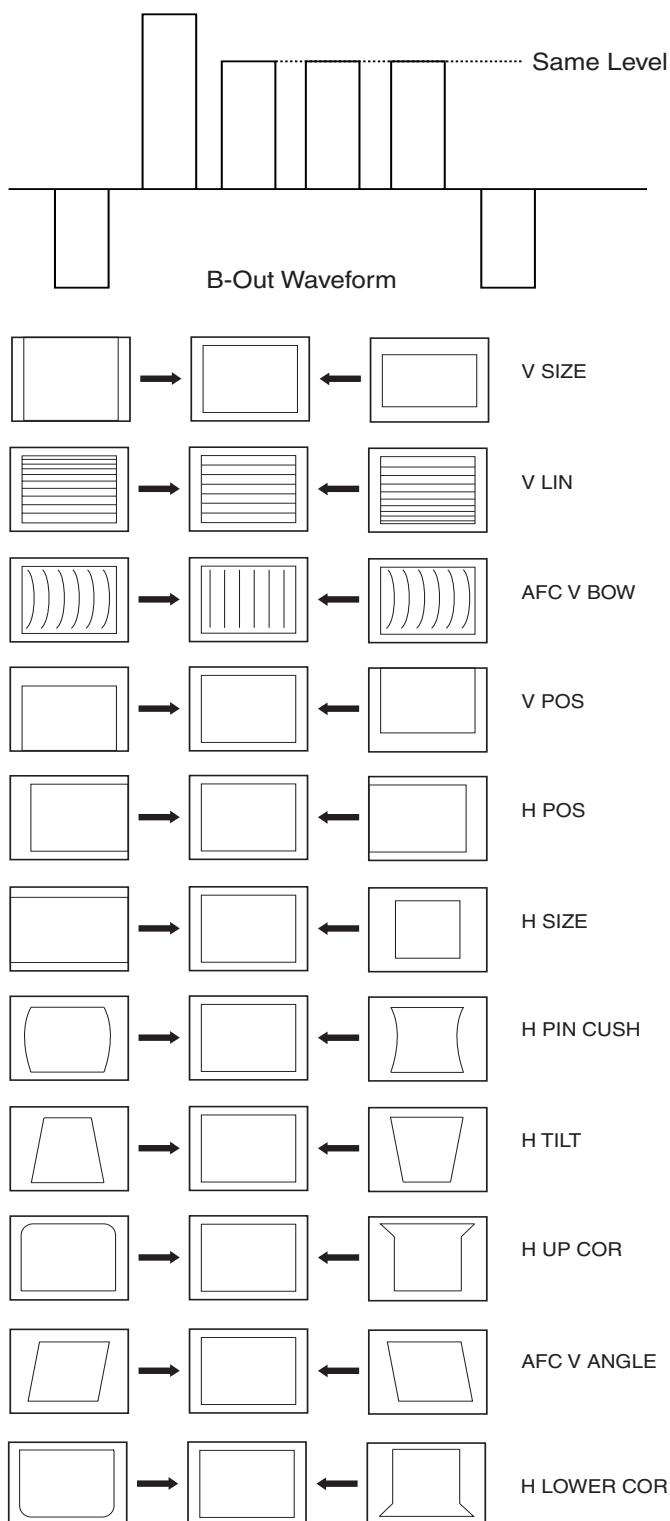
Deflection					
No	Descr	Def	Min	Max	Data
1	H-Size	34	0	63	34
2	H-Position	25	0	63	36
3	V-Size	31	0	63	51
4	V-Position	31	0	63	28
5	Pin-Amp	18	0	63	16
6	Up-CPin	37	0	63	41
7	Lo-CPin	37	0	63	40
8	AFC-Bow	31	0	63	27
9	AFC-Angle	31	0	63	28
10	Pin-Phase	28	0	63	25
11	V-Lin	7	0	15	8
12	S-Corr	8	0	15	12
13	Rotation-1	1	0	3	1
14	Rotation-2	15	0	15	15
15	H-Trap	15	0	31	1
16	H Linear	100	0	255	120
17	HC-Par-Amp	38	0	63	36
18	MP-Par-Amp	9	0	15	7
19	UpPin Axis	2	0	3	3
20	LoPin Axis	2	0	3	3
21	UpPin Gain	1	0	3	3
22	LoPin Gain	1	0	3	2
23	Akb-Tim	15	0	31	15
24	BLK-Off	ON	OFF	ON	OFF
25	AKB-Off	OFF	OFF	ON	OFF
26	Up-Blk	4	0	15	0
27	Lo-Blk	9	0	15	0
28	V-On	ON	OFF	ON	ON
29	Ew-Dc	OFF	OFF	ON	OFF
30	Uc-Pol	OFF	OFF	ON	OFF
31	Vblk-Sw	ON	OFF	ON	OFF
32	Sync-Phase	0	0	3	0
33	AFC-Mode	2	0	3	2
34	Rst-Sw	OFF	OFF	ON	OFF
35	Left-Blk	52	0	63	52
36	Clp-Phase	3	0	3	3
37	Right-Blk	30	0	63	30
38	Clp-Gate	OFF	OFF	ON	OFF
39	Hblk	ON	OFF	ON	ON
40	V-Aspect	47	0	63	47
41	Zoom-Sw	OFF	OFF	ON	OFF
42	Jmp-Sw	OFF	OFF	ON	OFF
43	V-Scroll	31	0	63	31
44	V-Freq	2	0	3	2
45	Up-Vlin	0	0	15	0
46	Lo-Vlin	0	0	15	0
47	V-Comp	0	0	15	6
48	H-Comp	0	0	15	0
49	VSaw1-Dc	7	0	15	7
50	Pin-Comp	7	0	7	4
51	VSaw1-Amp	0	0	31	0
52	AFC-Comp	0	0	7	0
53	MP-Par-Dc	13	0	15	15
54	HC-Par-Dc	63	0	63	31
55	Asp-Sw	OFF	OFF	ON	OFF
56	VDrv-SW	OFF	OFF	ON	OFF
57	HC-Par-Pha	31	0	63	31

Table.4-13

4-2. Volume Electrical Adjustments

Sub Colour Adjustment

1. Input a PAL colour bar signal.
2. Connect an oscilloscope to CN5400 pin 5 located on the C Board.
3. Enter into the 'Service Mode'.
4. Choose 'Backend' from the menu.
5. Adjust 'Sub Colour' data so that the right sides of the waveform are of equal height.



4-3. TEST MODE 2:

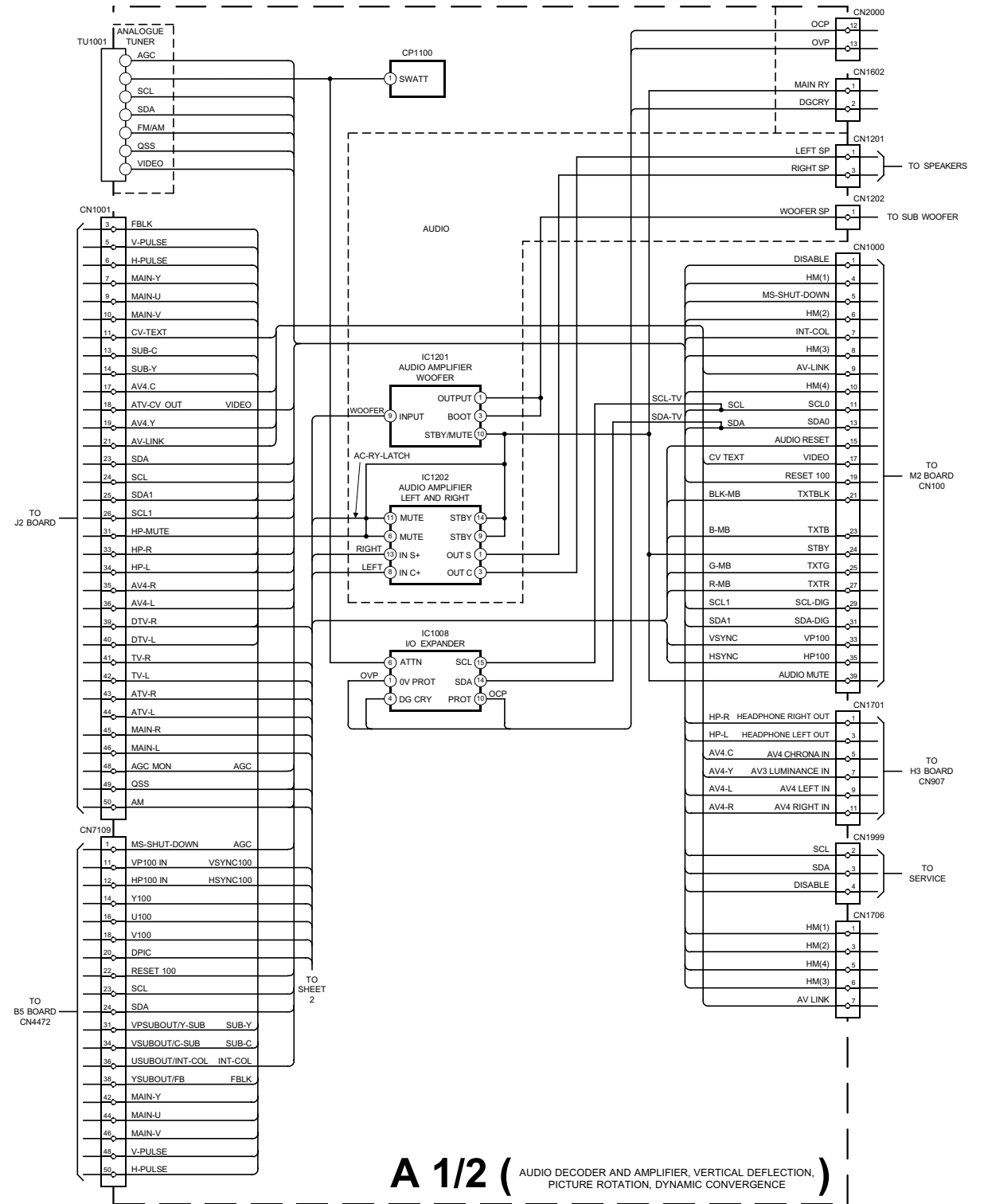
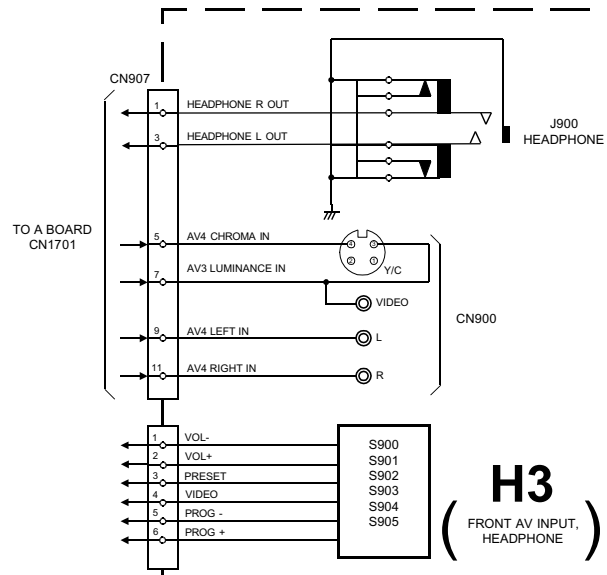
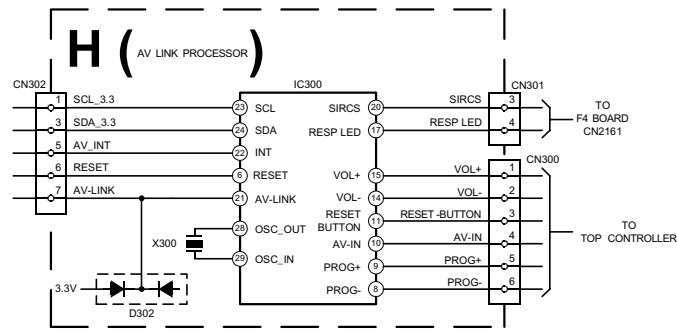
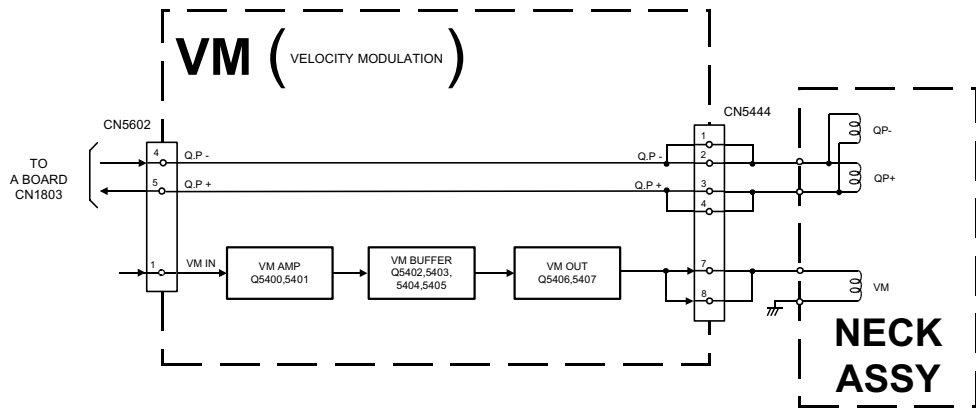
Is available by pressing the 'TEST' button twice, OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release the 'Test mode 2', press 0 twice, press the TV button or switch the TV set into Stand-by mode. Pressing the two Local Control buttons (+ and -) during power ON will also switch into 'TT' mode or from standby mode press OSD, 5, volume plus, TV.

In 'TT' mode, it is possible to remove the Menu from the screen by pressing the Speaker Off button once. Pressing the Speaker OFF button a second time will cause the Menu to reappear. The function is kept even when the menu is not displayed on screen !!.

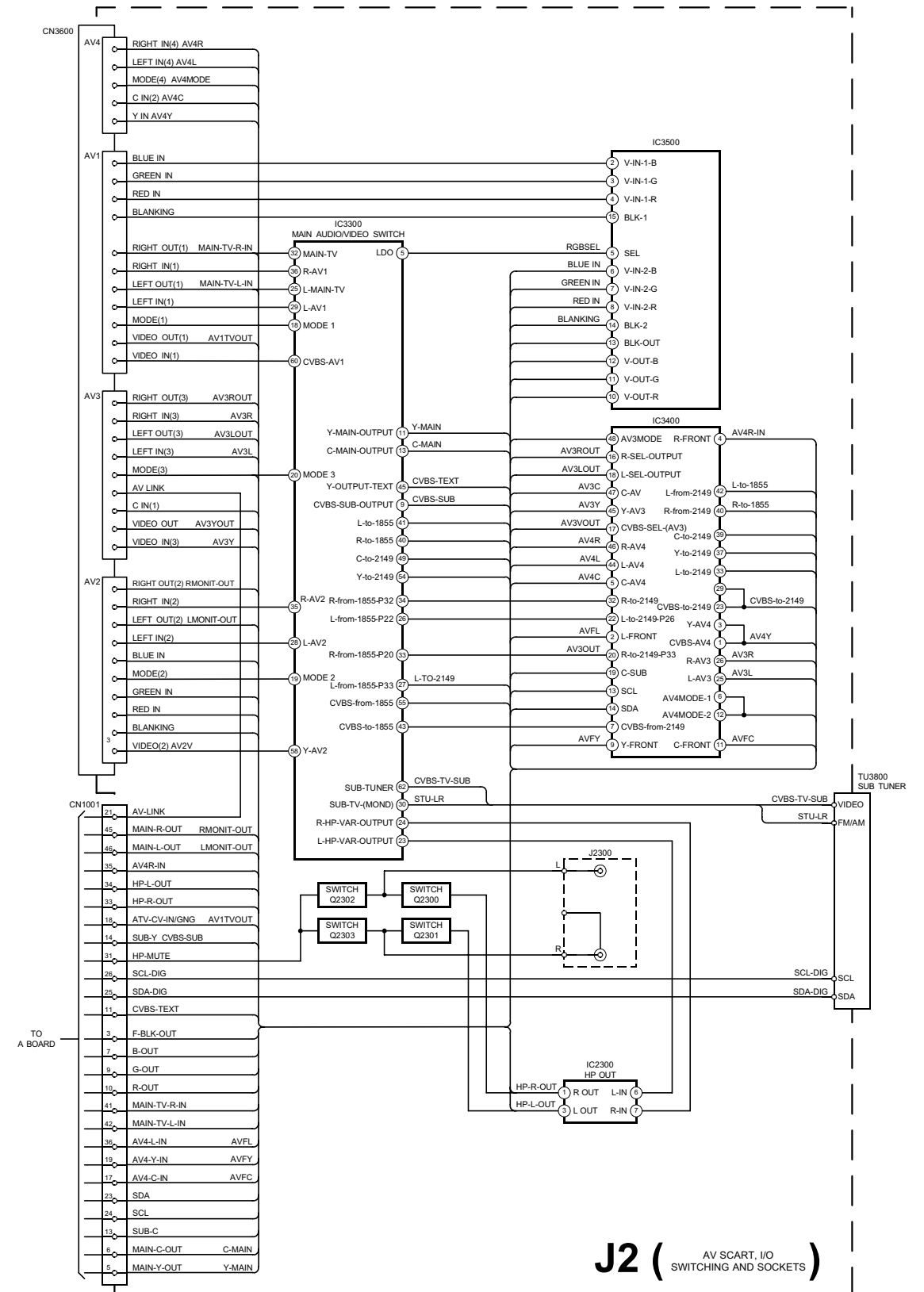
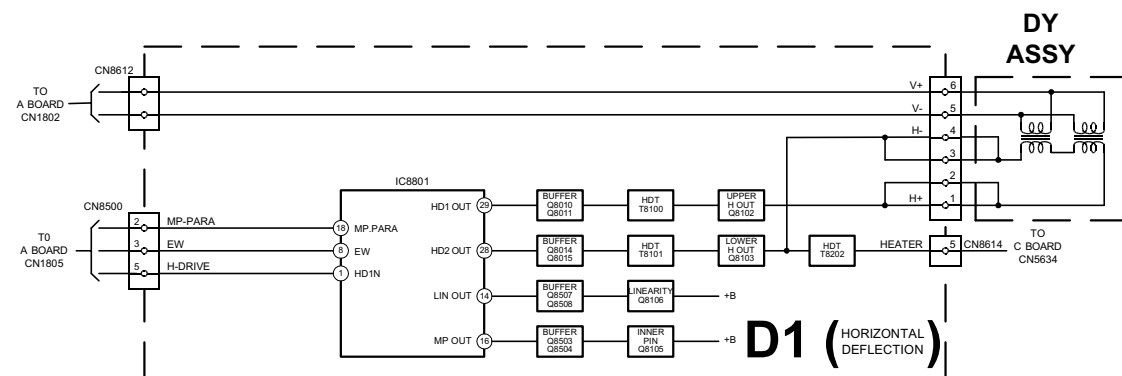
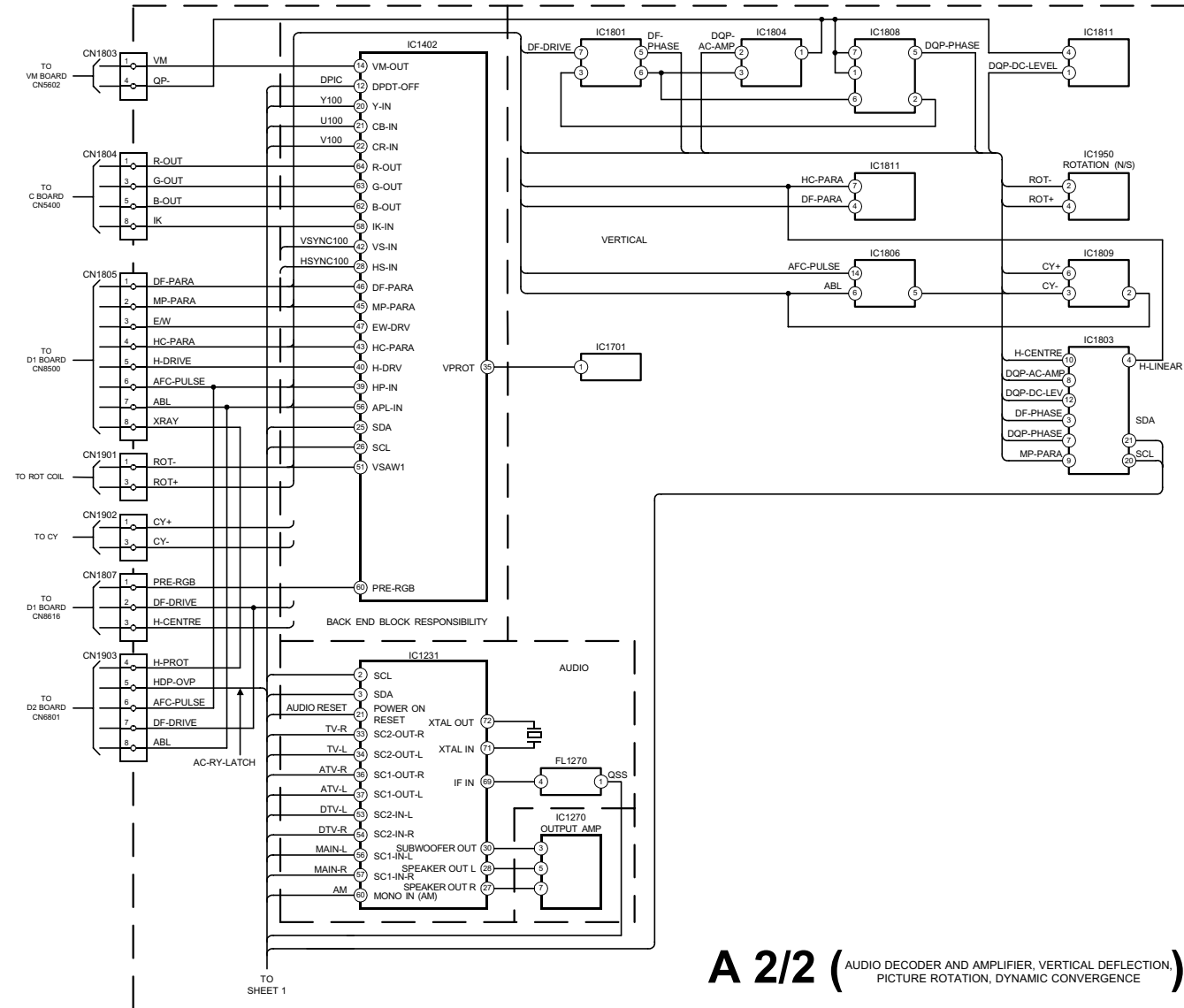
00	'TT' mode off
01	Picture maximum
02	Picture minimum
03	Set speaker/headphone Volume to 30%
04	Set speaker/headphone Volume to 50%
05	Set speaker/headphone Volume to 65%
06	Set speaker/headphone Volume to 80%
07	Ageing mode
08	Shipping Condition
09	No action
10	No action
11	Sub picture adjustment
12	Sub colour adjustment
13	Sub brightness adjustment
14	No action
15	Picture rotation automatic function
16	Picture level 50%
17	Production monitor
18	No action
19	Production mode enable/disable
20	No action
21	Destination A, D, E, display TV status
22	Destination B, Multi, display TV status
23	Destination A, D, E, display TV status
24	Destination U, display TV status
25	Destination A, D, E, display TV status
26	Destination B, Multi, display TV status
27	Destination K, display TV status
28	Destination R, display TV status
29	Geometry adjustment 1
30	No action
31	Autostandby enable/disable
32	Geometry adjustment 2
33	No action
34	Screen mode test
35	CRT 4:3 <-> 16:9, TV status
36	Velocity modulation
37	No action
38	DRC mode set to DRC 100
39	DRC mode set to DRC 50
40	No action
41	Reinitialise NVM
42	Geometry adjust 3
43	Dual A sound
44	Dual B sound
45	Mono sound
46	Stereo sound
47	No action
48	Set NVM as non-virgin
49	Set NVM as virgin
50	No Action

51	Virtual dolby on/off
52	OSD mute on/off
53	Reset EPG services in NVM
54	Index check
55	Internal software use only
56	Focus phase adjust
57	Focus DC level adjust
58	Copy internal NVM to external NVM on service connector
59	Copy external NVM on service connector to internal NVM
60	No Action
61	Smartlink test
62	System L audio from baseband (toggle)
63	Copy the picture reset data from ROM into the picture reset location of NVM
64	Copy the actual adj picture data from NVM into the picture reset location of NVM
65	Reset errors
66	Ignore errors (toggle)
67	Reserved for IDTV (Manual EMMA Recovery)
68	No action
69	Personal ID reset
70	No action
71	Force PAL
72	Unforce PAL
73	No action
74	No action
75	Pin Amp/UC Pin adjust
76	LC Pin/Trap adjust
77	Reset deflection offsets
78	Balance left
79	Balance right
80	No action
81	Reserved for IDTV (Digital BER display On/Off - only in digital mode)
82	Reserved for IDTV (AV monitor mode On/Off - only in digital mode)
83	Reserved for IDTV (2K, 8K, 2k & 8K toggle - only in digital mode)
84	Reserved for IDTV (Set digital NVM default - only in digital mode)
85	Reserved for IDTV
86	Reserved for IDTV (Digital model setting (AE6D/FE2D) toggle - only in digital mode)
87	Local keys test
88	Reserved for IDTV (Digital shipping condition (clear tune database) - only in digital mode)
89	Reserved for IDTV
90	No action
91	14:9 mode
92	Smart mode
93	16:9 mode
94	Zoom mode
95	4:3 mode
96	Reserved for IDTV (TS path switch (tuner/CI slot) - only in digital mode)
97	Reserved for IDTV (CTI mode - only in digital mode)
98	Reserved for IDTV (Auto EMMA recovery enable/disable)
99	Display error monitor

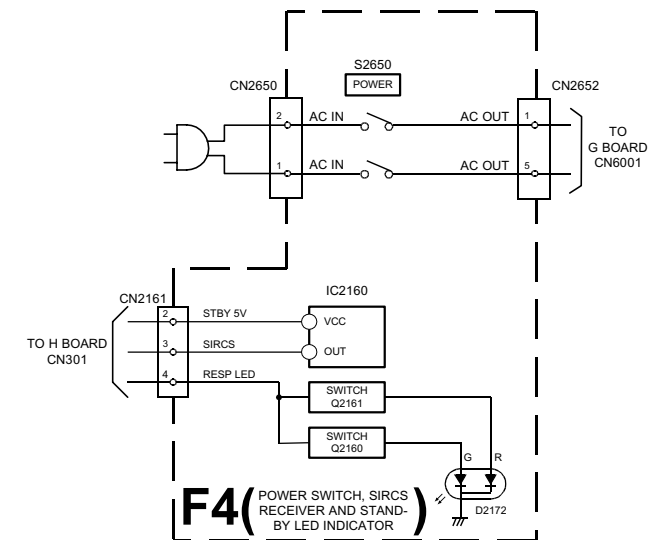
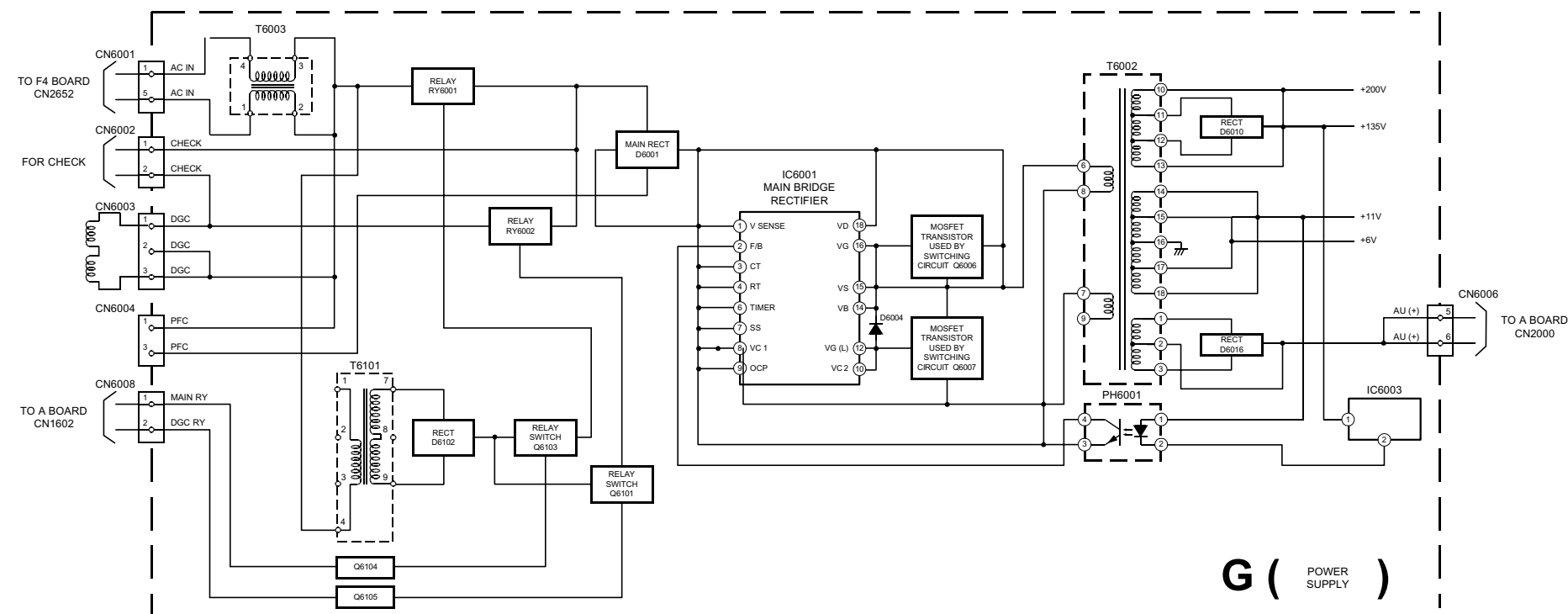
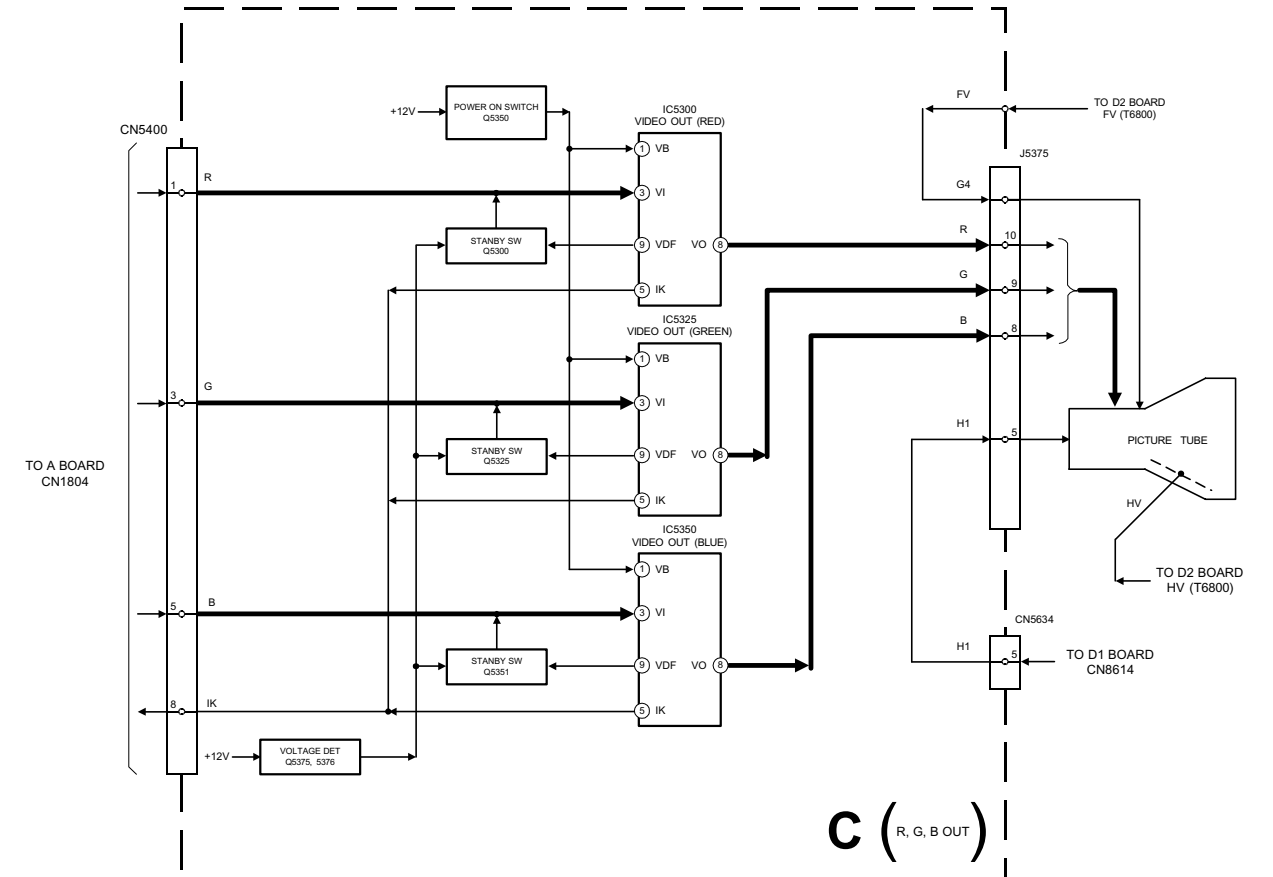
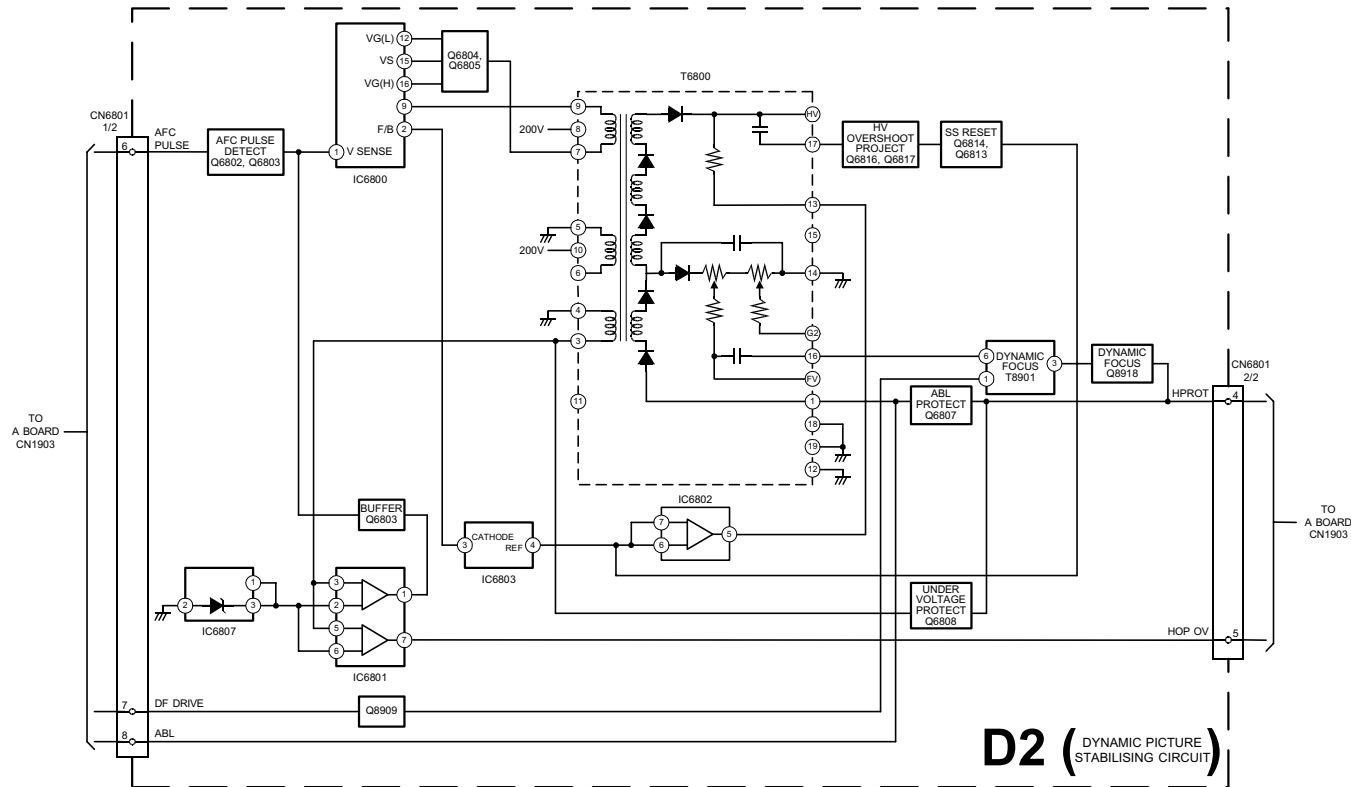
5-1. BLOCK DIAGRAMS (1)



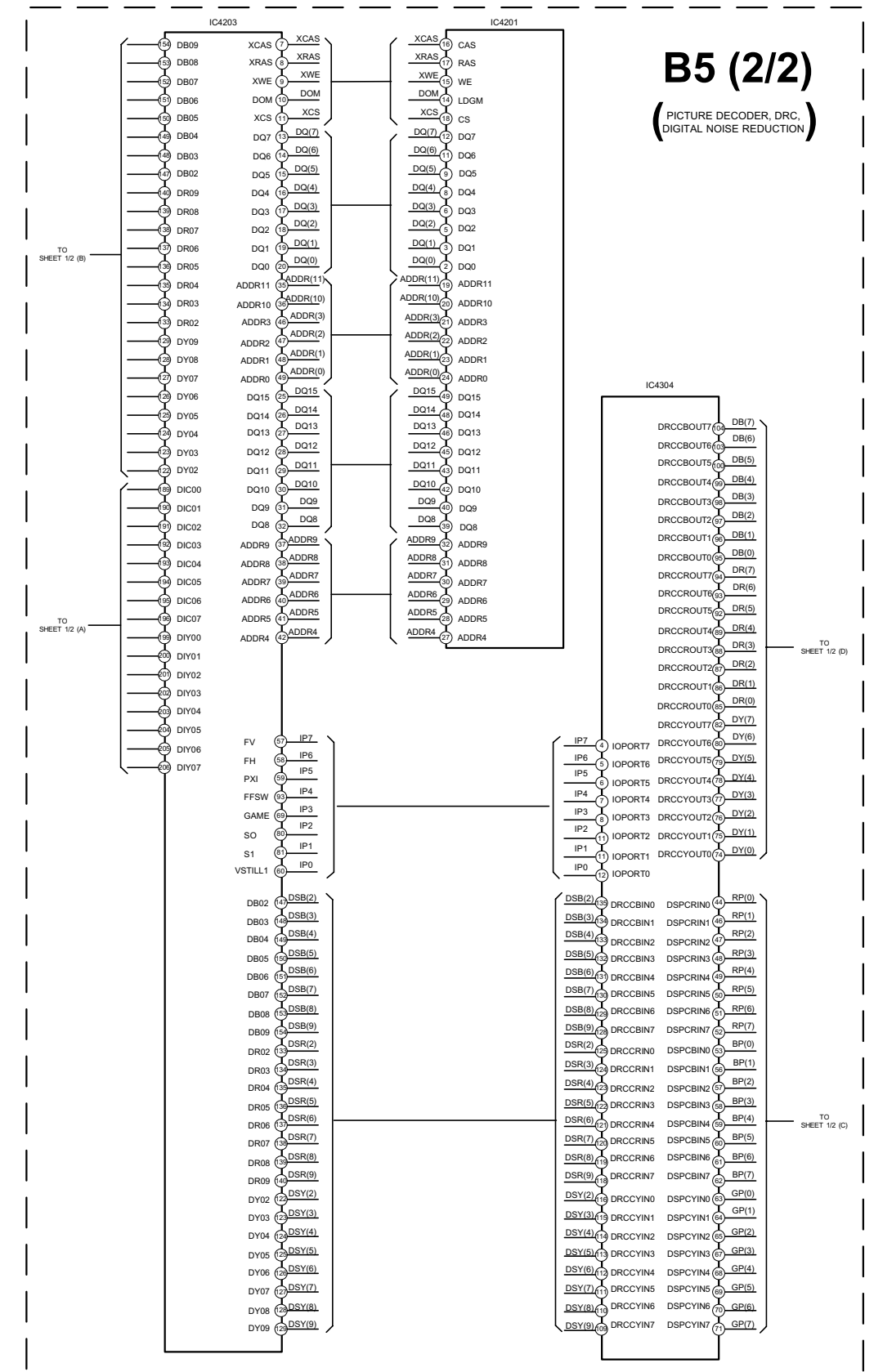
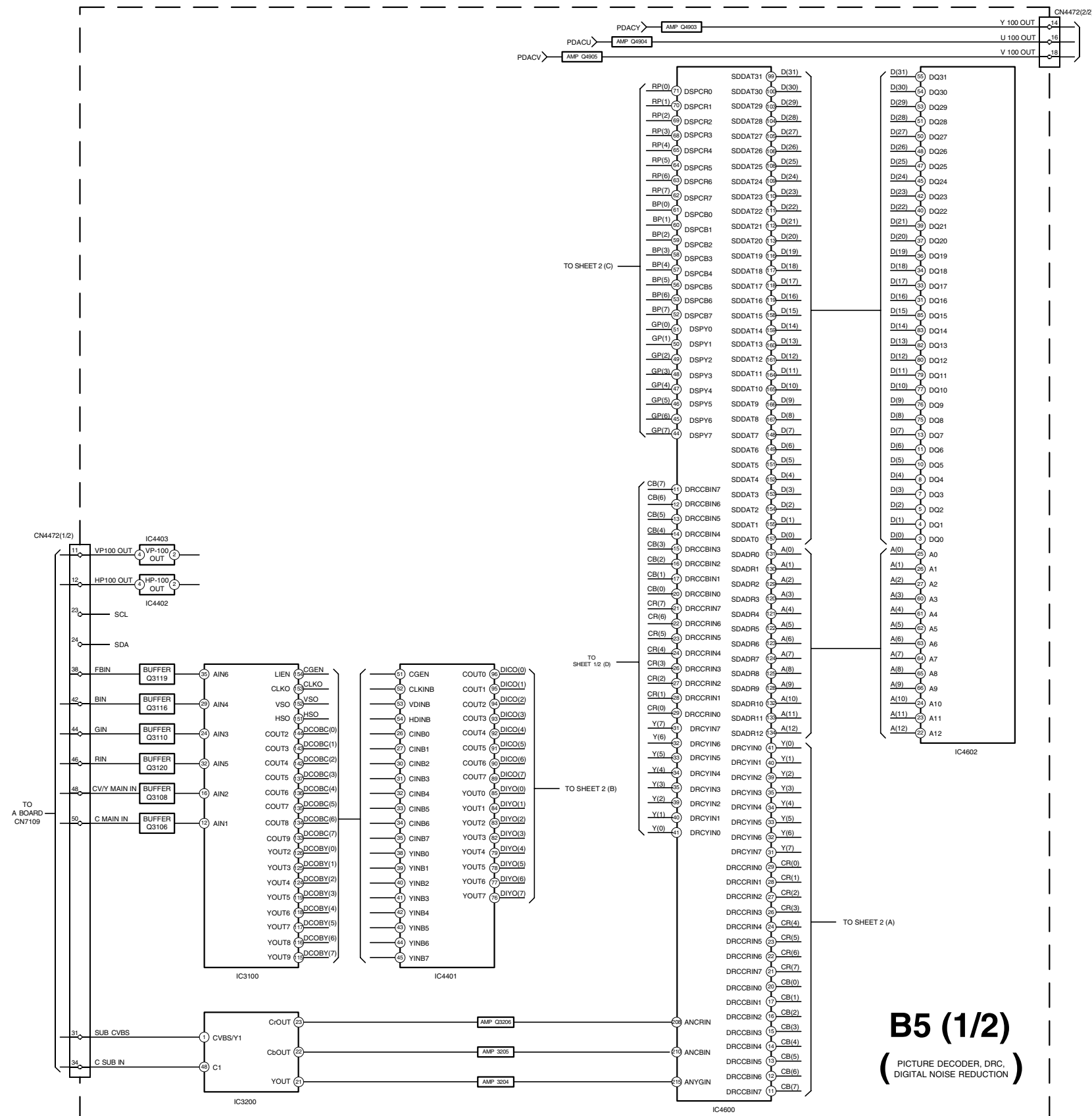
5-1. BLOCK DIAGRAMS (2)



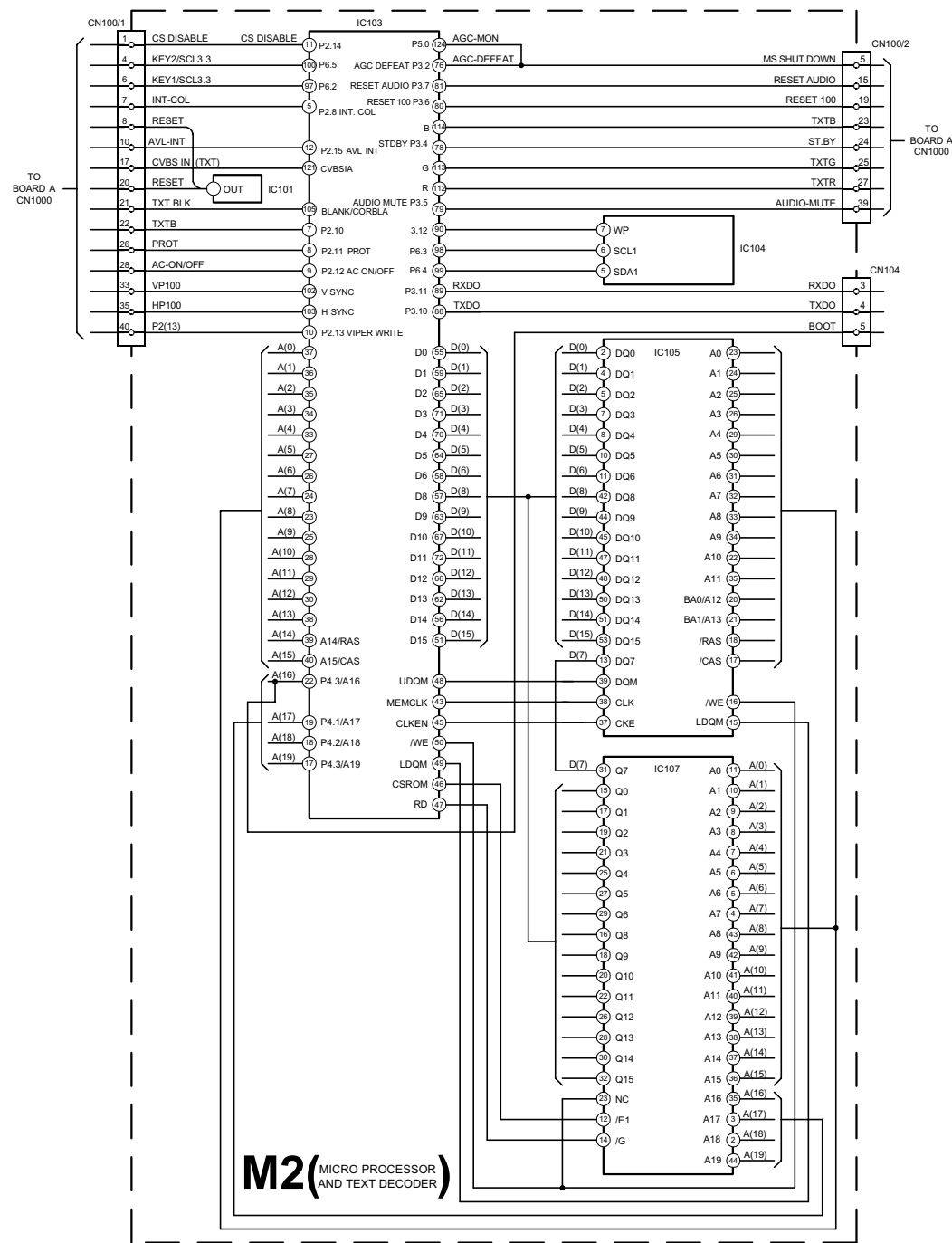
5-1. BLOCK DIAGRAMS (3)



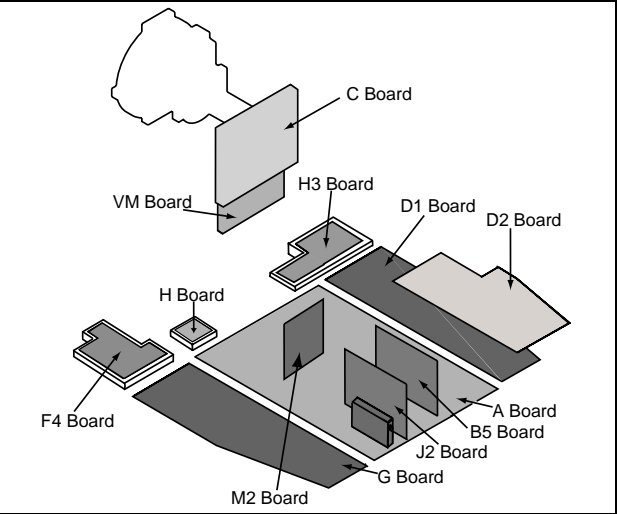
5-1. BLOCK DIAGRAMS (4)



5-1. BLOCK DIAGRAMS (5)



5-2. CIRCUIT BOARD LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

- Note :**
- All capacitors are in μF unless otherwise noted.
 - $\text{pF} : \mu\text{F}$ 50WV or less are not indicated except for electrolytic types.
 - Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

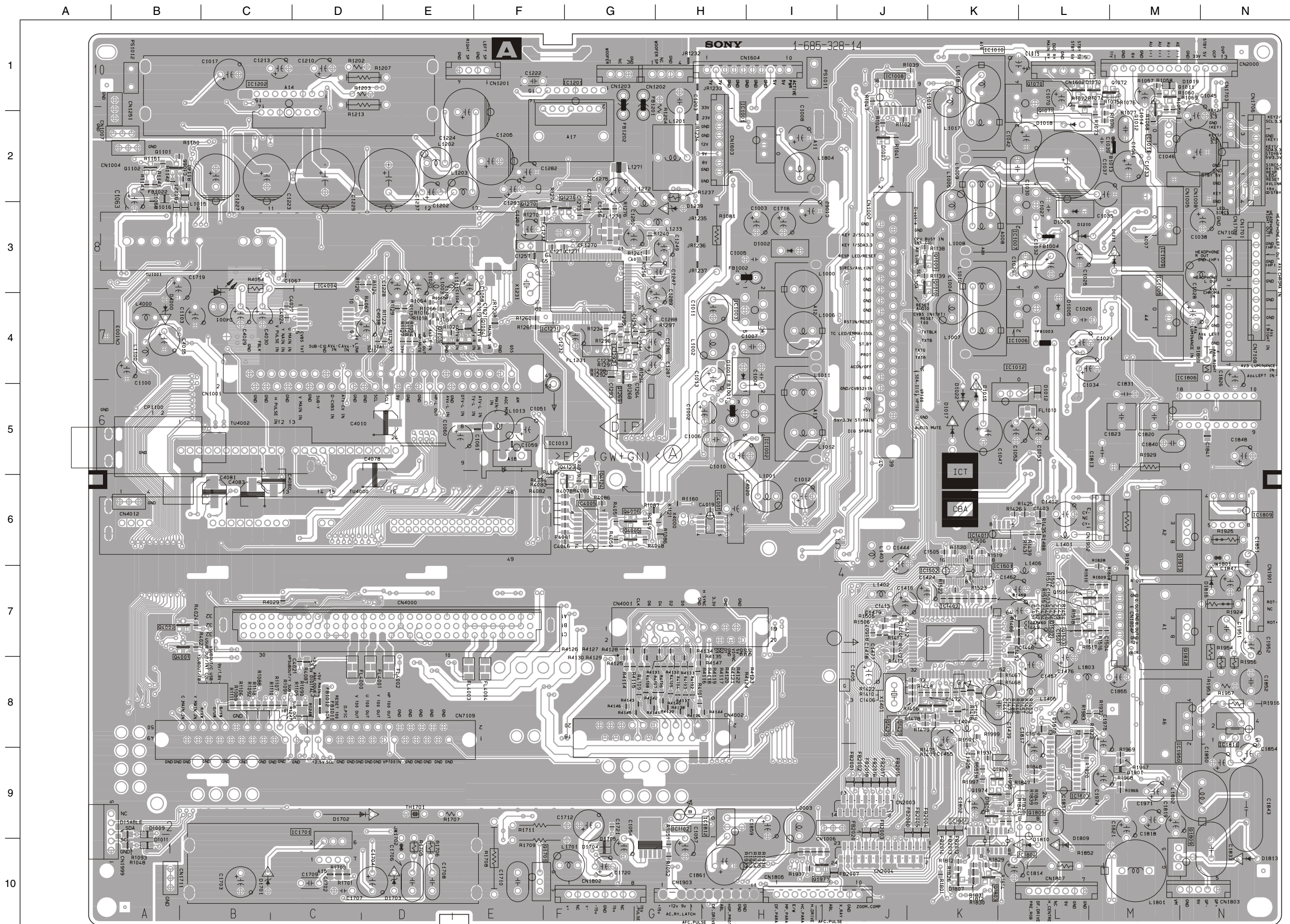
- Chip resistors are 1/10W
- All resistors are in ohms.
 $k = 1000 \text{ ohms}$, $M = 1000,000 \text{ ohms}$
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.



~ A Printed Wiring Board Conductor side A ~

~ A Board Location Table (A Side) ~

DIODE		D1018	L - 2	D1703	E - 10	D1816	N - 7	IC1011	M - 2	IC1801	K - 10	TRANSISTOR		Q1072	M - 1	Q1812	M - 7	
D1006	L - 3	D1019	M - 1	D1704	G - 10	IC		IC1012	K - 5	IC1803	L - 9	Q1004	E - 4	Q1270	F - 3	Q1813	M - 6	
D1007	J - 2	D1070	L - 1	D1705	G - 10	IC1005		M - 4	IC1102	G - 10	IC1804	K - 10	Q1005	E - 4	Q1271	G - 3	Q1973	I - 10
D1009	B - 9	D1210	L - 3	D1807	K - 10	IC1006	K - 4	IC1201	G - 2	IC1806	N - 5	Q1007	L - 1	Q1701	F - 10	Q1974		K - 9
D1011	B - 10	D1211	M - 3	D1808	K - 9	IC1007	K - 3	IC1202	C - 1	IC1809	N - 6	Q1011	M - 1	Q1803	K - 10			
D1012	L - 5	D1239	H - 3	D1809	L - 10	IC1008	J - 1	IC1231	G - 4	IC1811	N - 8	Q1012	M - 2	Q1805	L - 10			
D1015	K - 5	D1701	C - 10	D1810	L - 10	IC1009	M - 3	IC1402	K - 7	IC1812	H - 10	Q1070	L - 1	Q1809	M - 10			
D1017	K - 5	D1702	D - 9	D1813	N - 10	IC1010	K - 2	IC1701	D - 10	IC1950	M - 9	Q1071	L - 2	Q1811	M - 6			

~ A Board Location Table (B Side) ~

DIODE		D1014	B - 2	D1206	M - 1	D1801	E - 9	D1814 B - 5		Q1002	M - 2	Q1203	J - 2	Q1407	E - 8	Q1804	D - 7
D1003	F - 1	D1016	E - 5	D1207	M - 1	D1802	E - 10	IC		Q1003	M - 1	Q1204	L - 3	Q1410	C - 7	Q1806	C - 5
D1004	G - 1	D1201	K - 2	D1209	N - 3	D1803	D - 9	IC1270 I - 2		Q1006	K - 3	Q1205	M - 1	Q1413	D - 7	Q1807	C - 5
D1005	D - 4	D1202	K - 2	D1235	H - 4	D1804	D - 7	IC1802 C - 8		Q1008	L - 3	Q1207	M - 4	Q1422	D - 7	Q1808	C - 5
D1008	N - 10	D1203	J - 2	D1236	H - 4	D1805	C - 7	IC1808 C - 10		Q1100	N - 5	Q1272	I - 3	Q1423	C - 7	Q1970	C - 9
D1010	N - 10	D1204	I - 2	D1403	D - 7	D1806	D - 7	TRANSISTOR		Q1201	J - 2	Q1402	E - 8	Q1801	E - 10	Q1971	C - 9
D1013	B - 2	D1205	J - 2	D1406	C - 8	D1811	C - 9	Q1001 M - 2		Q1202	J - 2	Q1406	E - 7	Q1802	C - 7	Q1972	C - 9

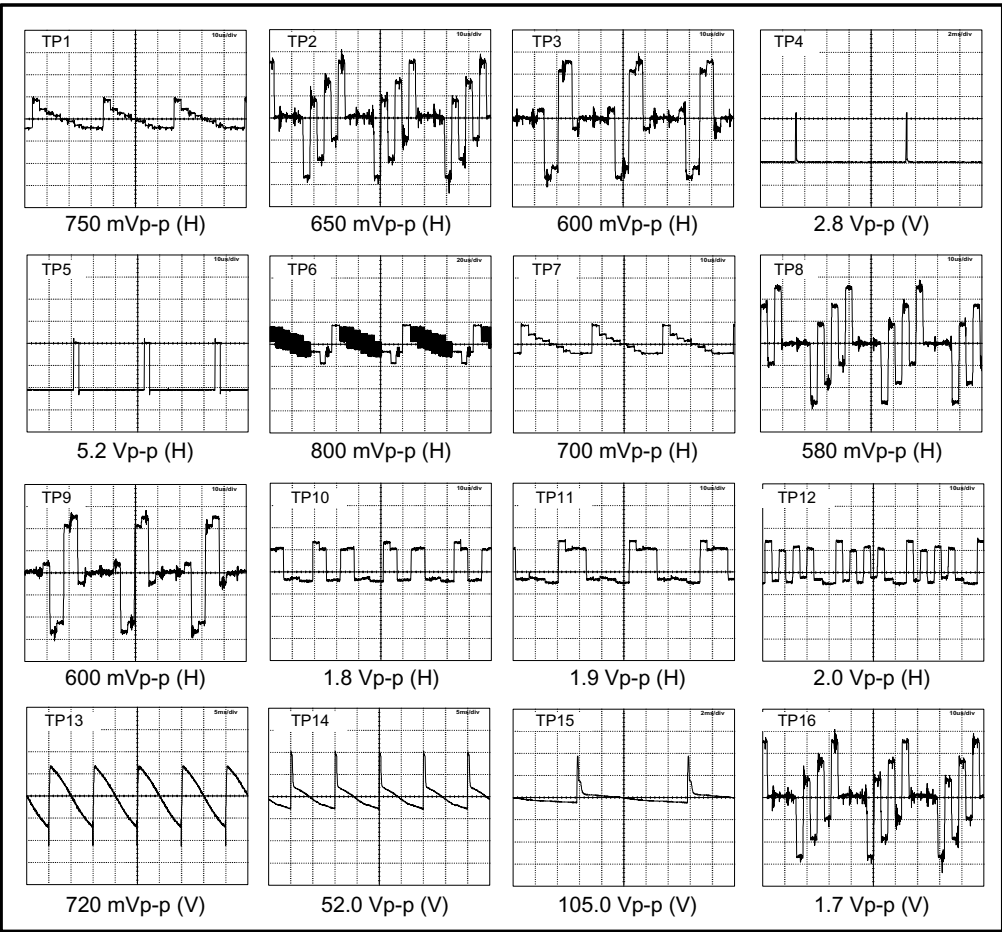
~ A Board Semiconductor Voltages ~

Ref	(s)	(g)	(d)	Ref	(e)	(b)	(c)	Ref	(e)	(b)	(c)	Ref	(e)	(b)	(c)
Q1701	-0.3	11.6	-0.3	Q1008	8.8	8.2	4.5	Q1207	0	0.4	4.2	Q1422	3.5	4.2	0
Q1809	0	4.8	25.7	Q1011	0	0.7	0	Q1270	1.2	1.8	4.9	Q1423	3.5	2.2	8.9
Ref	(e)	(b)	(c)	Q1072	0	0	3.2	Q1271	1.8	2.4	4.9	Q1801	0	0.5	2.0
Q1001	0	0	4.9	Q1100	0	4.6	0	Q1272	4.9	5.5	8.8	Q1803	0	0.4	2.0
Q1002	0	0	4.9	Q1201	12.2	12.6	0	Q1402	5.0	5.7	8.9	Q1804	0	0.1	4.6
Q1003	4.9	4.9	0	Q1202	0	0	4.2	Q1406	3.1	2.4	0	Q1805	12.0	11.6	5.7
Q1004	1.3	2.0	4.3	Q1203	0	0	4.2	Q1407	3.5	2.8	0	Q1806	1.9	1.3	0
Q1005	4.9	4.3	2.1	Q1204	0	0	4.2	Q1410	3.5	8.0	0	Q1807	2.8	3.4	7.8
Q1006	2.6	3.2	8.2	Q1205	0	0.6	0	Q1413	3.6	3.0	0	Q1808	2.7	3.3	7.8

~ A Board Difference Table ~

Ref	36FS76B	36FS76E	36FS76U
TU1001	BTF-EF412	BTF-EC412	BTF-EU612

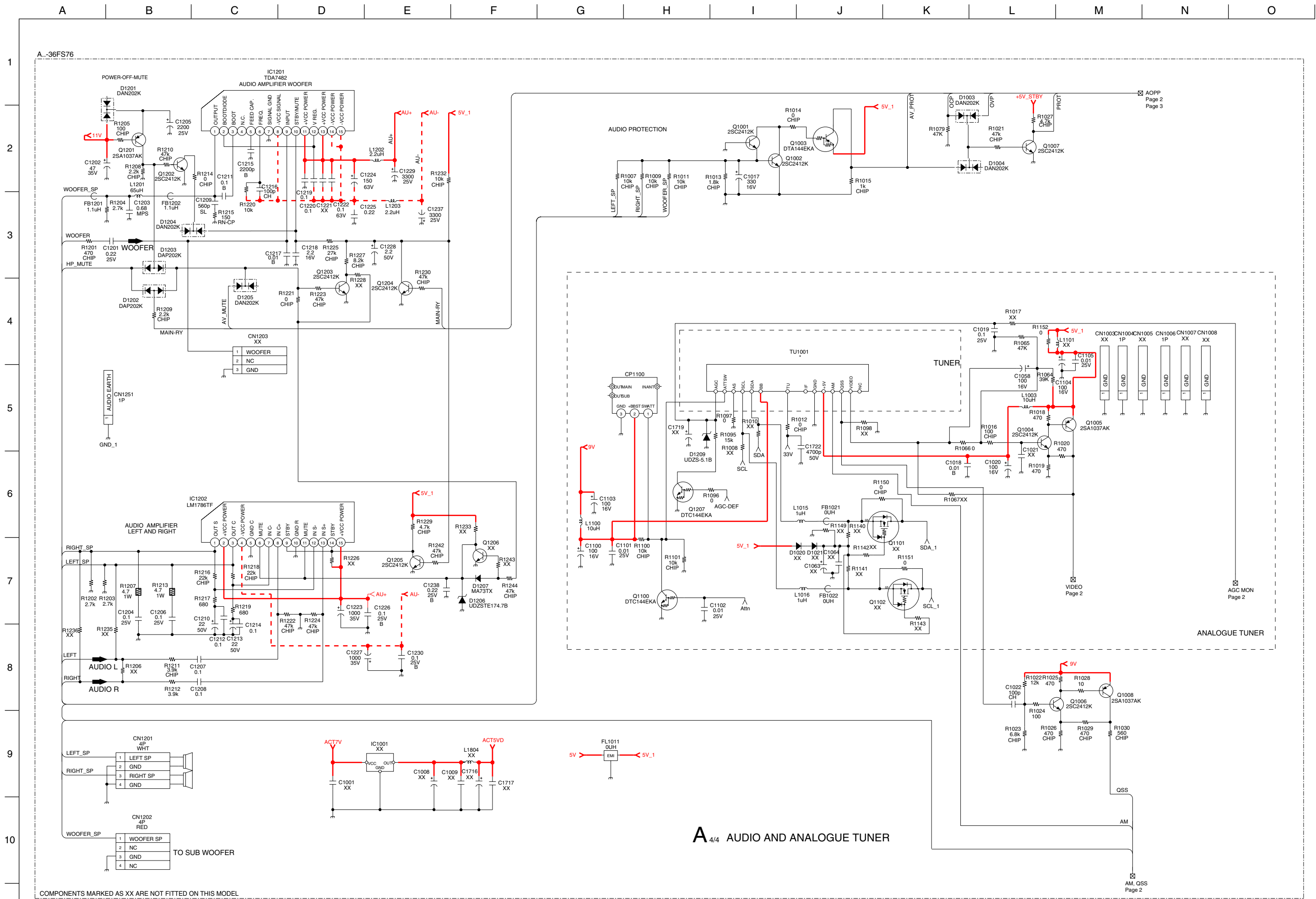
~ A Board Waveforms ~



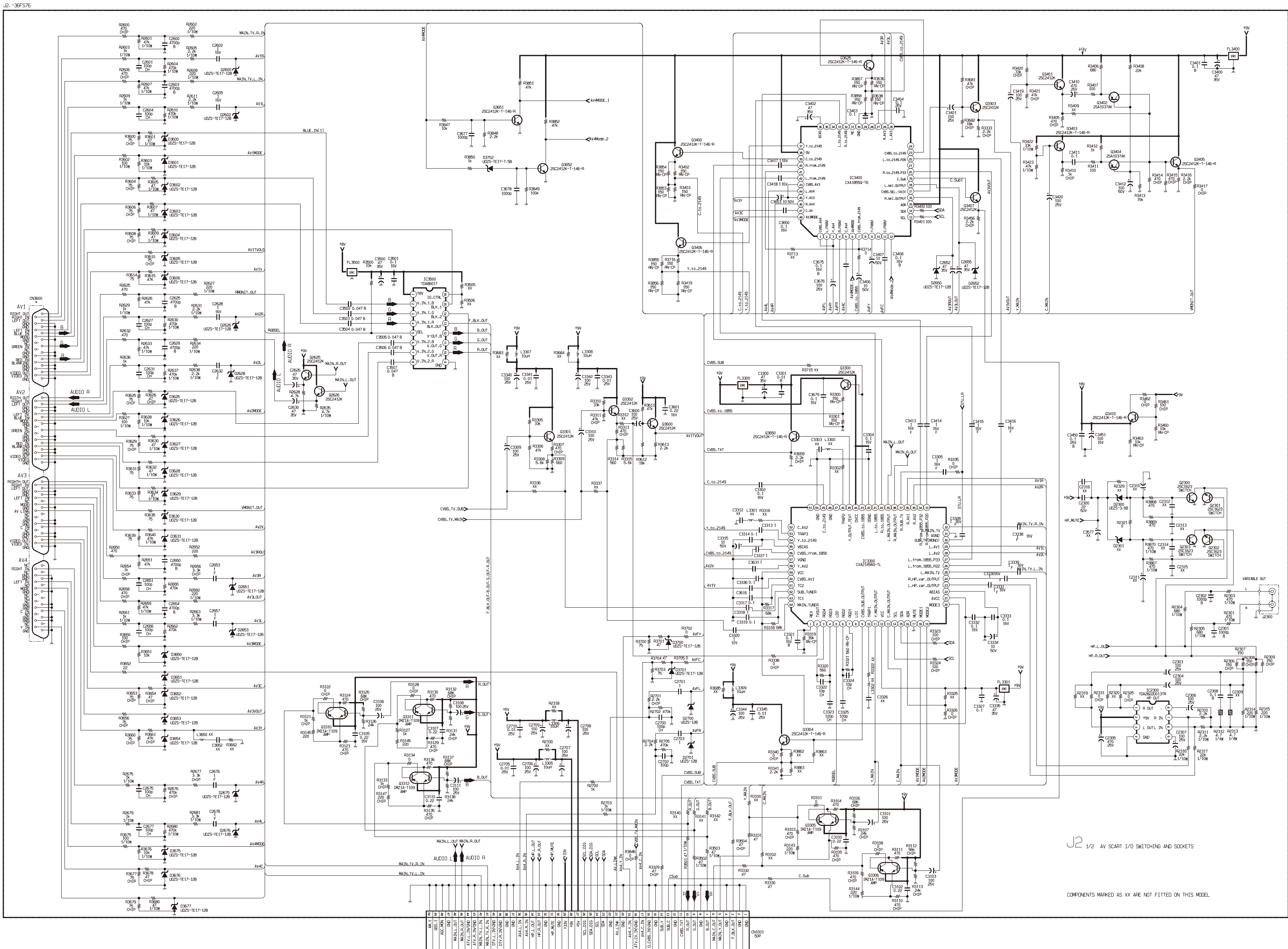
~ A Board IC Voltages ~

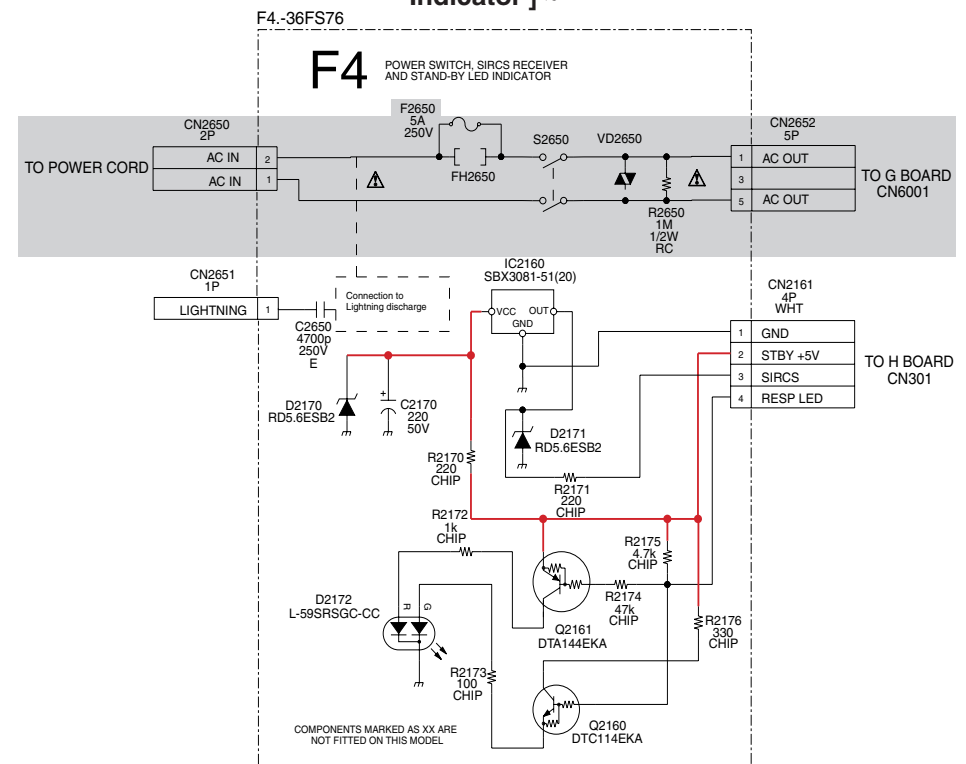
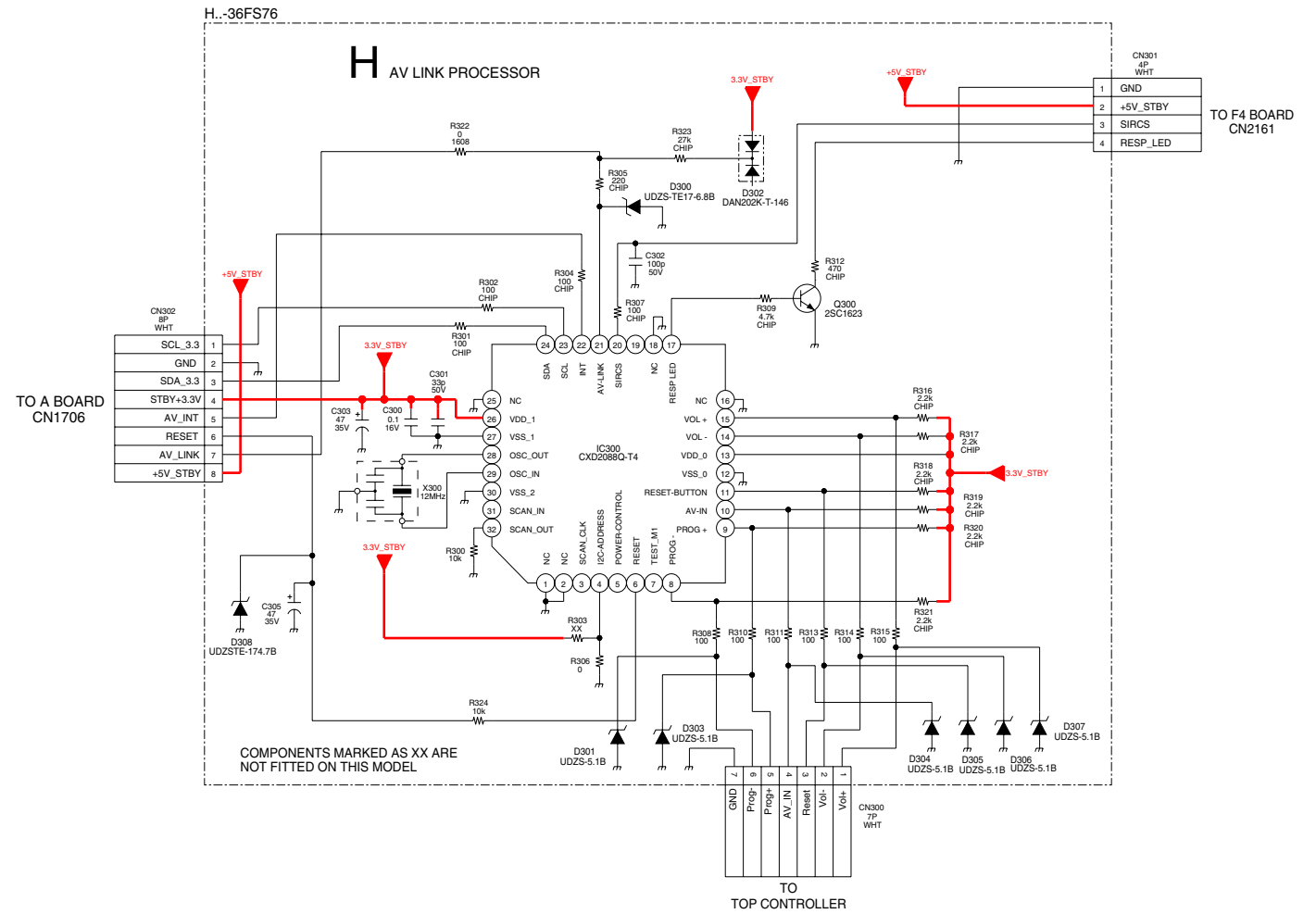
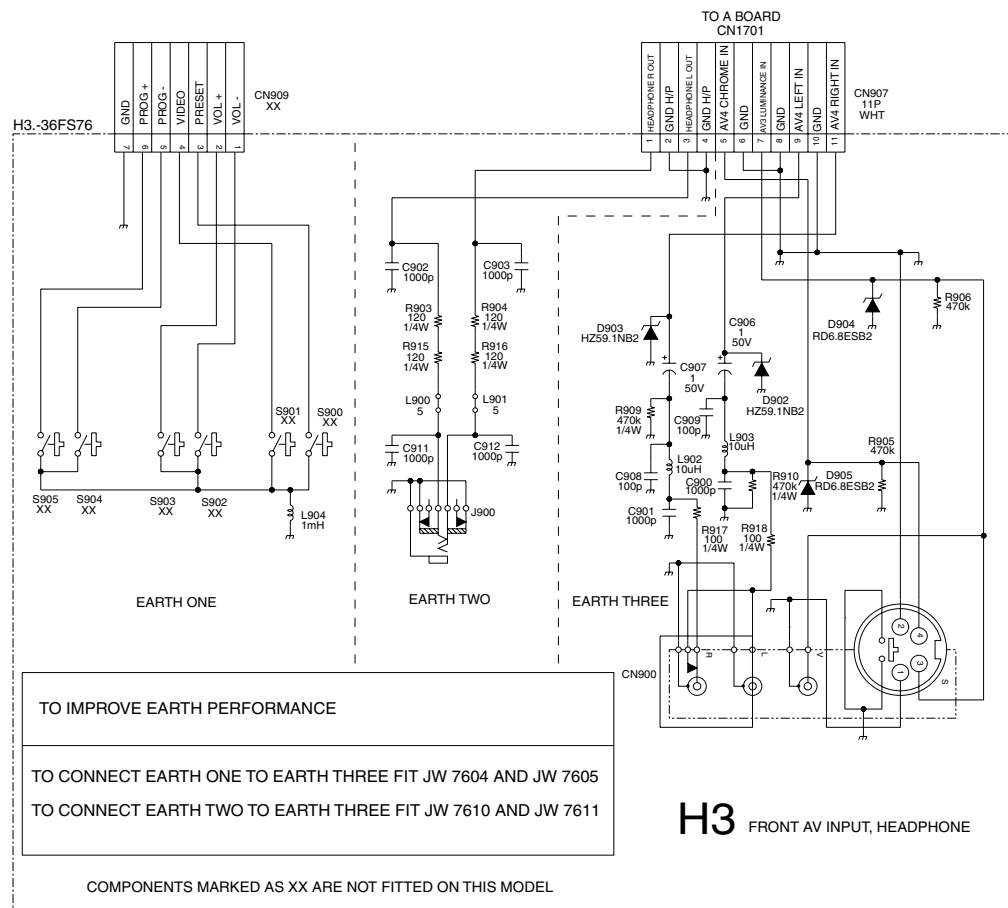
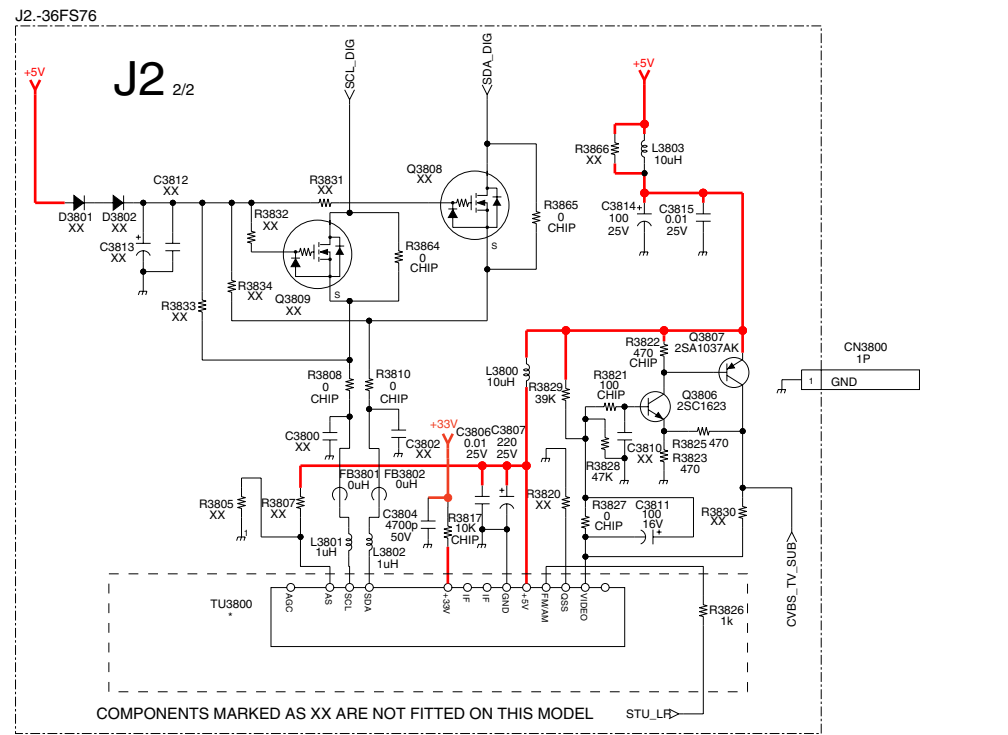
Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)					
IC1201	1	0	IC1202	8	0	IC1102	5	13.7	IC1402	17	2.6	IC1402	41	0	IC1402	63	2.9	IC1803	21	4.8	IC1802	3	1.1	IC1270	9	4.8	IC1806	17	4.8		
	2	-4.3		9	0	IC7002	1	7.0		18	1.1		42	0		64	2.7		22	4.9		4	0		10	4.8		18	0		
	3	10.0		10	0		2	2.6		19	4.9		43	3.3	1	1.9	23		0	5		1.5	11		0	IC1809	1	9.2			
	4	0		11	0.3		3	0		20	3.5		44	0	2	1.1	24		0	6		1.5	12		0.9		2	3.6			
	5	0		12	0		4	1.3		21	3.4		45	4.2	3	3.6	1	4.4	7	2.6		13	0.8		3		3.6				
	6	-13.3		13	0		5	6.4		22	3.4		46	3.5	4	2.3	2	5.8	8	8.9		14	7.6		4		-14.2				
	7	0		14	0		IC1402	1		0	23		5.0	47	3.8	5	4.2	3	6.2	1	4.8	IC1808	1	4.8	IC1806		1	4.8	IC1806	1	4.8
	8	-15.3		15	15.2			2		0	24		0	48	4.4	6	4.2	4	0	2	2.0		2	4.8			6	-1.2			
	9	0	IC1007	1	7.1	3		0		25	4.8		49	5.2	7	2.4	5	4.4	3	1.6	3		4.8	7			12.0				
	10	4.2		2	0	4		3.1		26	4.8		50	3.4	8	2.6	6	4.3	4	0	4		4.8	8			-12.9				
	11	15.2		3	5.8	5		3.1		27	0.9		51	4.1	9	2.6	7	0.4	5	5.1	5		4.9	IC1701		1	1.2				
	12	-4.3		4	6.3	6		3.1		28	0.3		52	3.4	10	1.5	8	12.0	6	4.3	6		4.9			2	14.8				
	13	15.2		5	0	7		0		29	5.0		53	3.4	11	2.2	1	6.3	7	4.8	7		4.9			3	-11.4				
	14	-15.3	IC1010	1	12.6	IC1402		8		3.6	30		5.7	54	0.6	12	2.4	2	4.3	8	8.9		8			4.9	4	-14.2			
	15	-15.3		2	5.0		9	3.6		31	1.3		55	8.9	13	4.9	3	4.3	1	4.9	9	5.2	5	0							
IC1202	1	0	IC1010	3	0		10	3.6		32	3.1		56	4.3	14	0	4	0	2	4.8	10	12.0	6	15.3							
	2	15.2		4	1.3		11	0		34	0		57	4.9	15	4.9	5	3.4	3	4.8	11	4.1	7	1.2							
	3	0		5	6.8		12	0.9		35	0.9		58	3.7	16	4.9	6	3.5	4	8.8	12	4.9	IC1811	1	2.0						
	4	-15.3	IC1102	1	13.2		13	0		37	0		59	1.5	17	4.9	7	0	5	4.8	13	4.9		2	2.0						
	5	0		2	-12.5		14	2.4		38	2.3		60	1.5	18	0	8	8.9	6	4.8	14	1.9		3	-14.2						
	6	0.3		3	-15.4		15	4.9		39	2.1		61	8.9	19	0	1	5.4	7	4.9	15	1.1		4	1.0						
	7	0		4	-0.4	16	2.6	40		2.8	62		2.9	20	4.8	2	1.1	8	4.9	16	4.8	5	8.9								

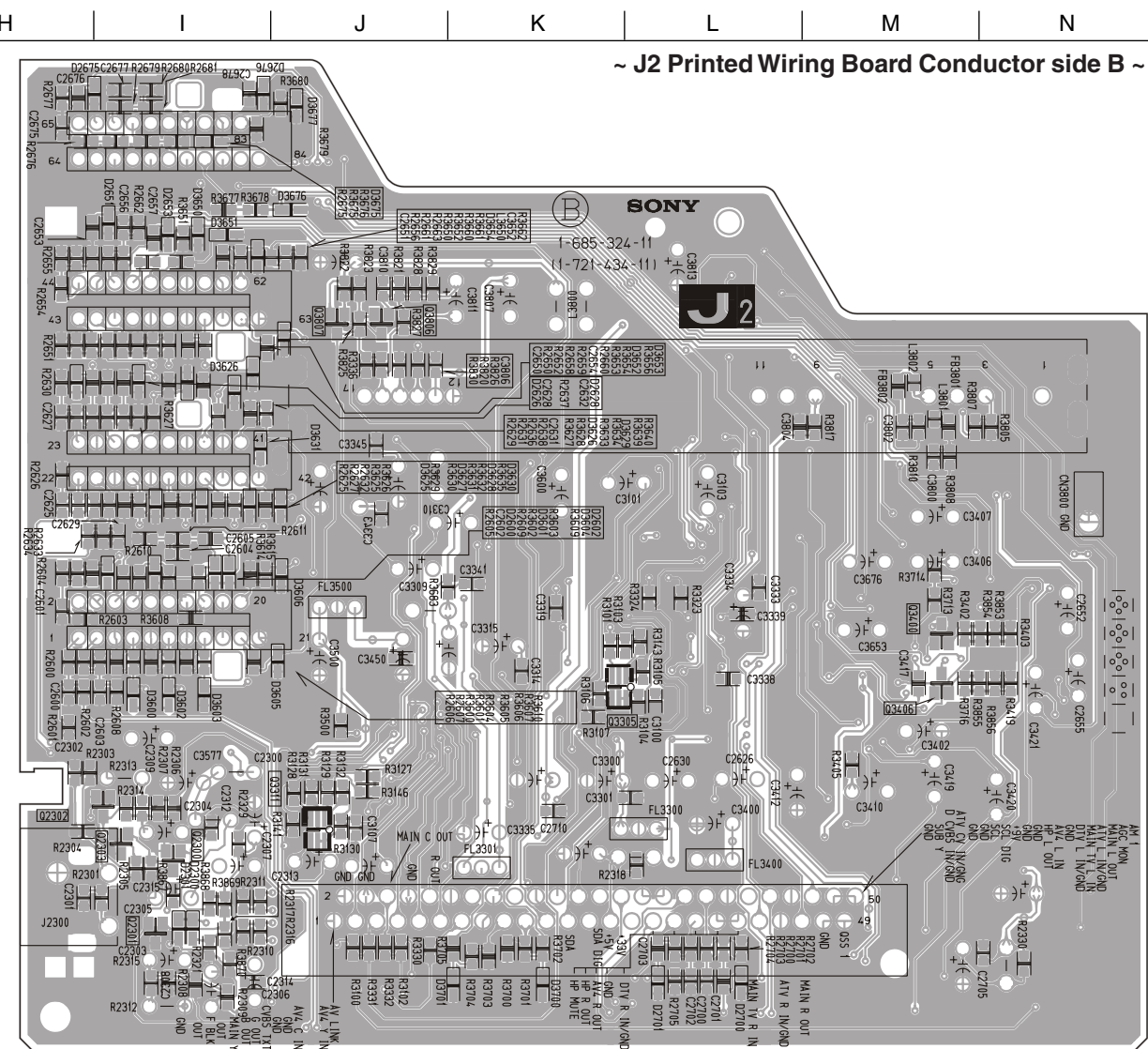
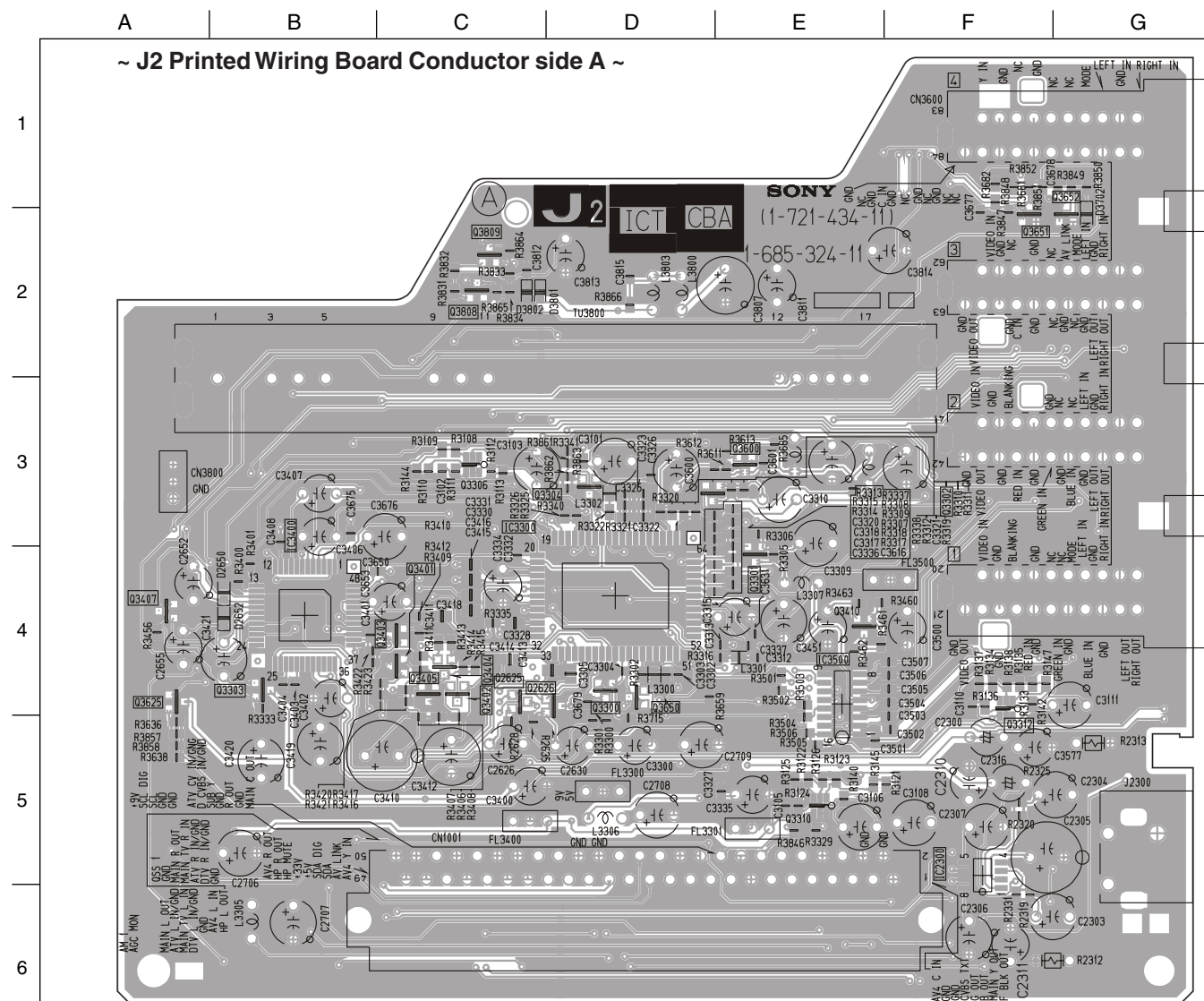






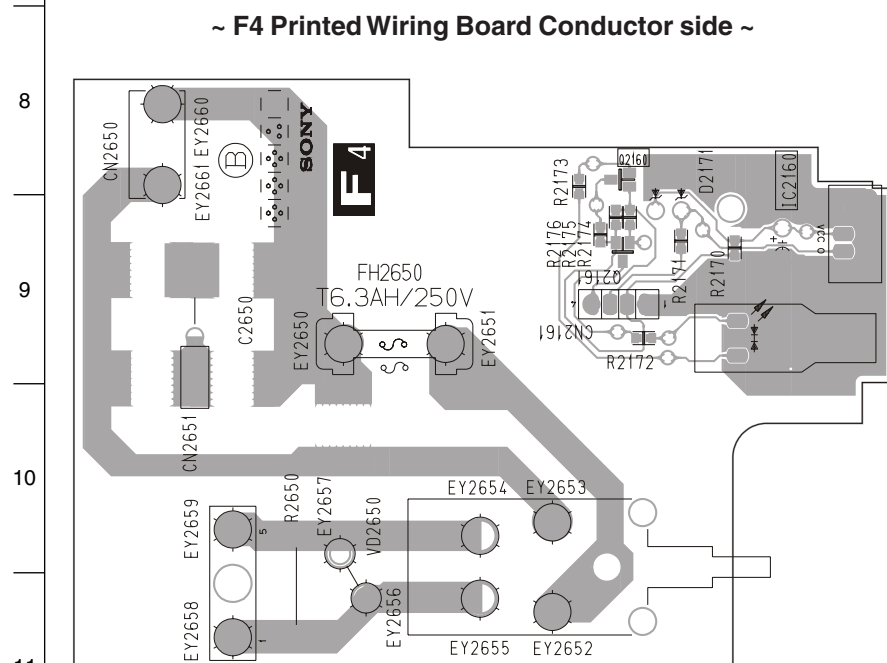




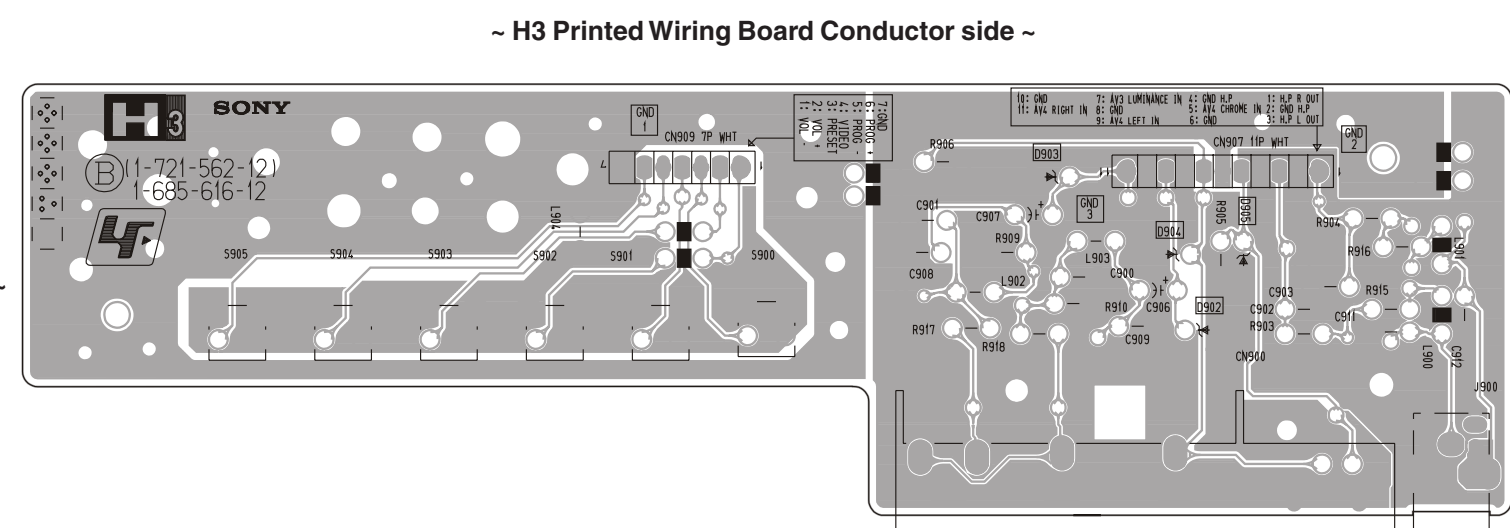
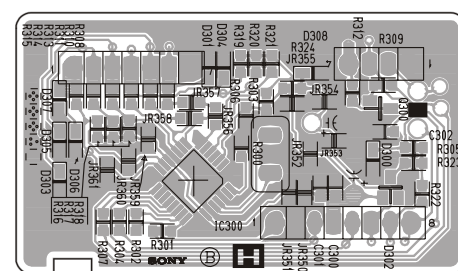


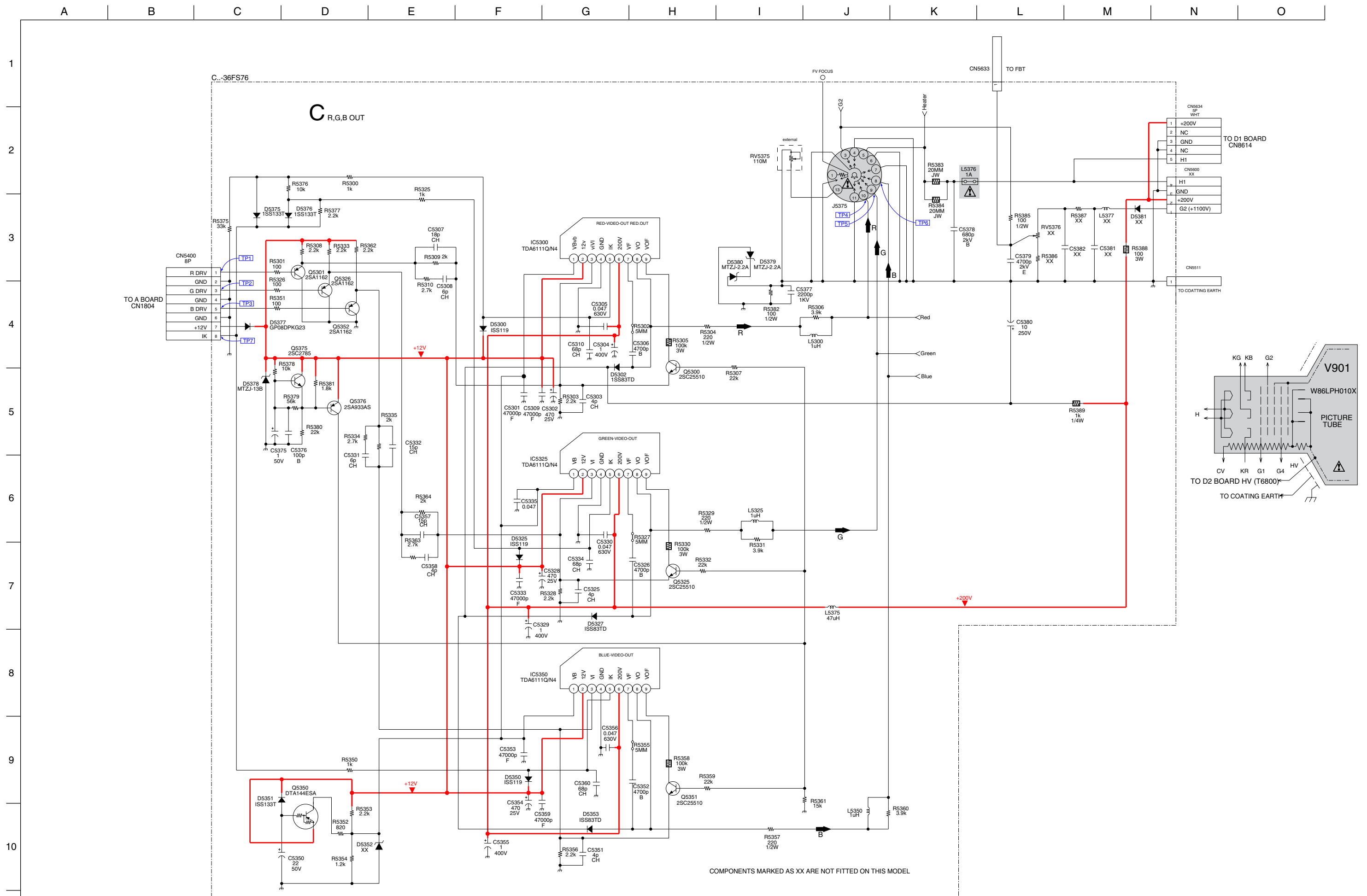
DIODE		IC		IC3500 E - 5	Q3300 D - 5	Q3304 D - 3	Q3401 C - 4	Q3405 C - 4	Q3625 A - 5
D2650	B - 4	IC2300	F - 6	TRANSISTORS	Q3301 E - 4	Q3306 C - 3	Q3402 C - 5	Q3407 A - 4	Q3650 D - 5
D2652	B - 4	IC3300	D - 4	Q2625 C - 5	Q3302 D - 3	Q3310 E - 5	Q3403 C - 4	Q3410 E - 4	Q3651 F - 2
D3702	G - 2	IC3400	B - 4	Q2626 D - 5	Q3303 B - 5	Q3312 F - 5	Q3404 C - 4	Q3600 E - 3	Q3652 G - 2

DIODE		D2651	I - 2	D3600	I - 4	D3606	J - 4	D3630	J - 3	D3654	I - 2	TRANSISTOR		Q3311	I - 5	
D2300	I - 5	D2653	I - 2	D3601	I - 4	D3625	I - 3	D3631	I - 3	D3675	I - 1	Q2300		I - 5	Q3400	M - 4
D2600	I - 4	D2675	I - 1	D3602	I - 4	D3626	I - 3	D3650	I - 2	D3676	J - 2	Q2301		I - 6	Q3406	M - 4
D2602	I - 4	D2676	I - 1	D3603	I - 4	D3627	I - 3	D3651	I - 2	D3677	J - 1	Q2302		I - 5	Q3806	J - 2
D2626	H - 3	D2700	L - 6	D3604	I - 4	D3628	I - 3	D3652	I - 3	D3700	K - 6	Q2303		I - 5	Q3807	J - 2
D2628	I - 3	D2701	L - 6	D3605	J - 4	D3629	I - 3	D3653	J - 2	D3701	J - 6	Q3305		L - 5		



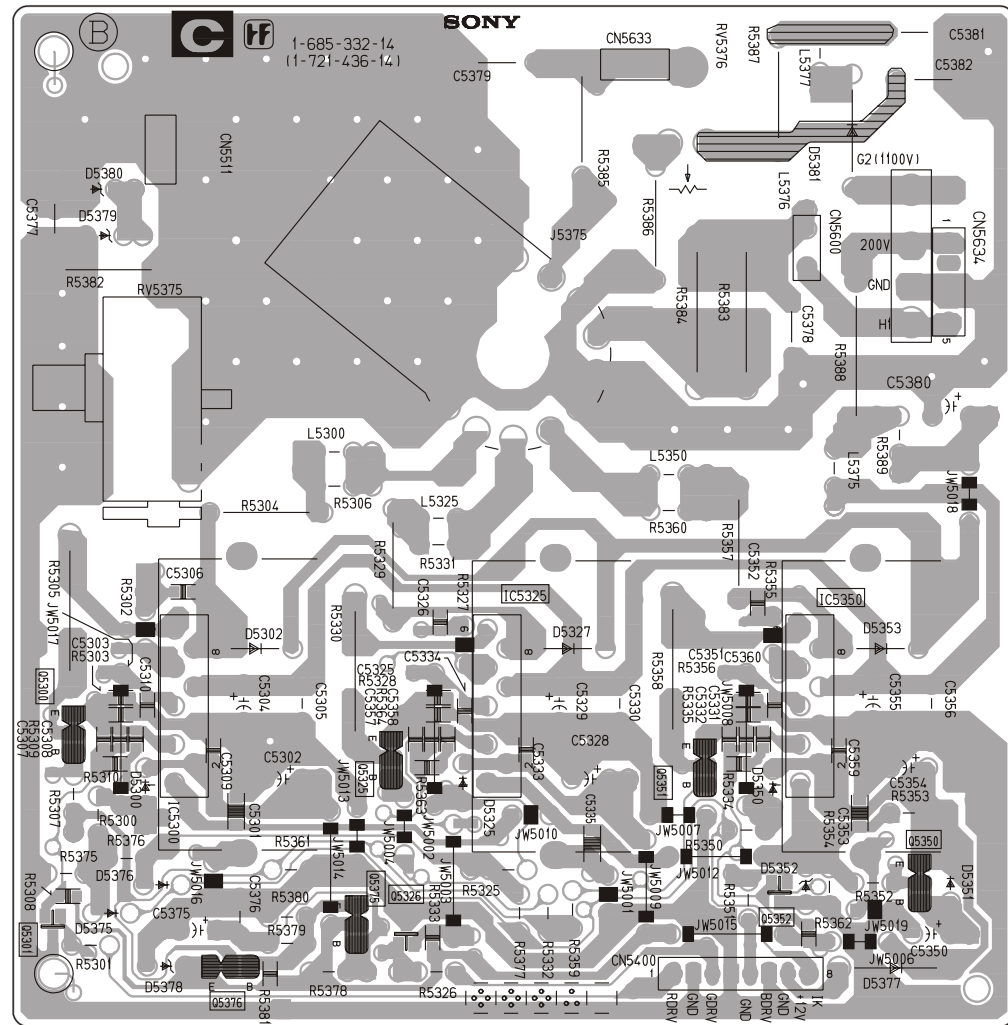
Ref	36FS76B	36FS76E	36FS76U
CN3600	RGB 21P 1-816-666-11	RGB 21P 1-815-673-11	RGB 21P 1-815-673-11
TU3800	BTF-EF412	BTF-EC412	BTF-EU612





~ C Board Schematic Diagram [R-G-B Out] ~

~ C Printed Wiring Board Conductor side ~



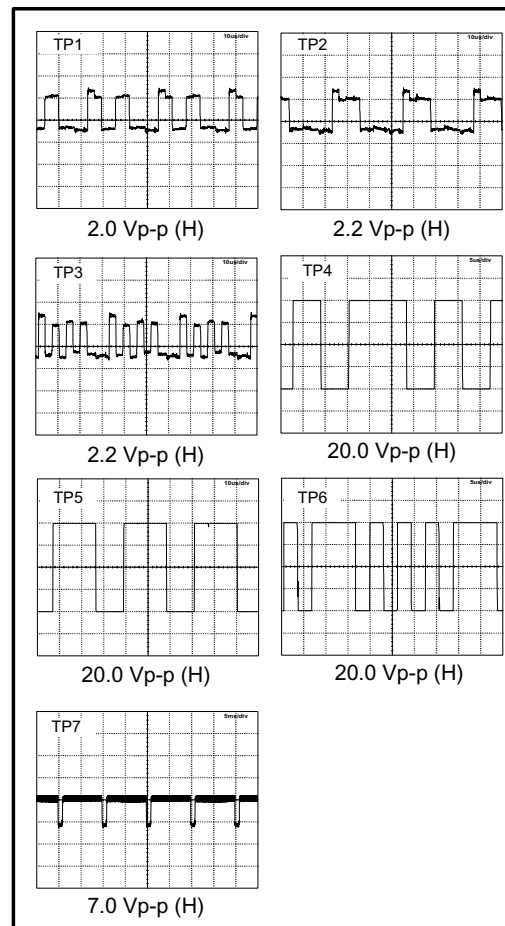
~ C Board Semiconductor Voltage Table ~

Ref	(e)	(b)	(c)
Q5300	3.9	4.5	3.9
Q5301	4.0	3.3	0
Q5325	3.9	4.5	3.9
Q5326	4.1	3.4	0
Q5350	11.2	11.1	3.9
Q5351	3.9	4.5	3.9
Q5352	4.1	3.5	0
Q5375	10.5	11.1	11.2
Q5376	11.2	10.5	11.1

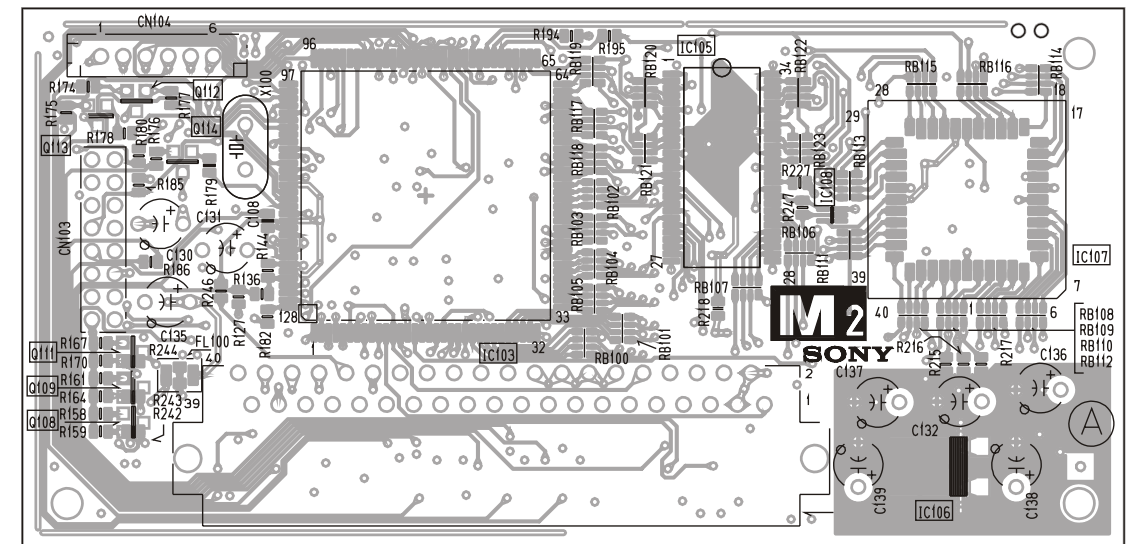
~ C Board IC Voltage Table ~

IC Voltage Table		
Ref No	Pin No	Voltage (V)
IC5300	1	3.9
	2	11.1
	3	3.8
	4	0
	5	7.9
	6	203.0
IC5325	1	3.9
	2	11.1
	3	3.8
	4	0
	5	8.3
	6	203.0
IC5350	1	3.9
	2	11.1
	3	3.8
	4	0
	5	8.1
	6	203.0

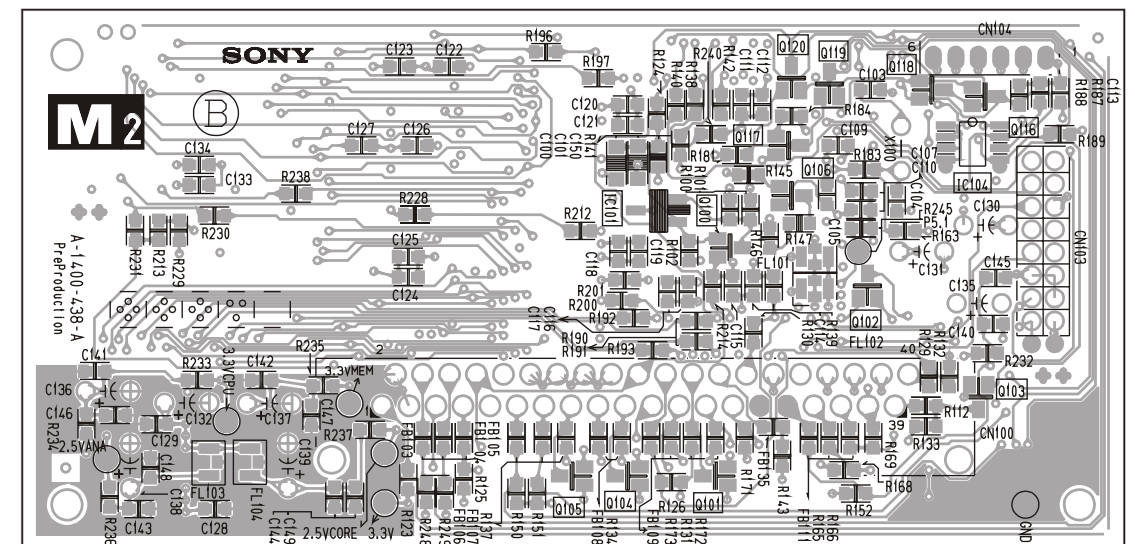
~ C Board Waveforms ~

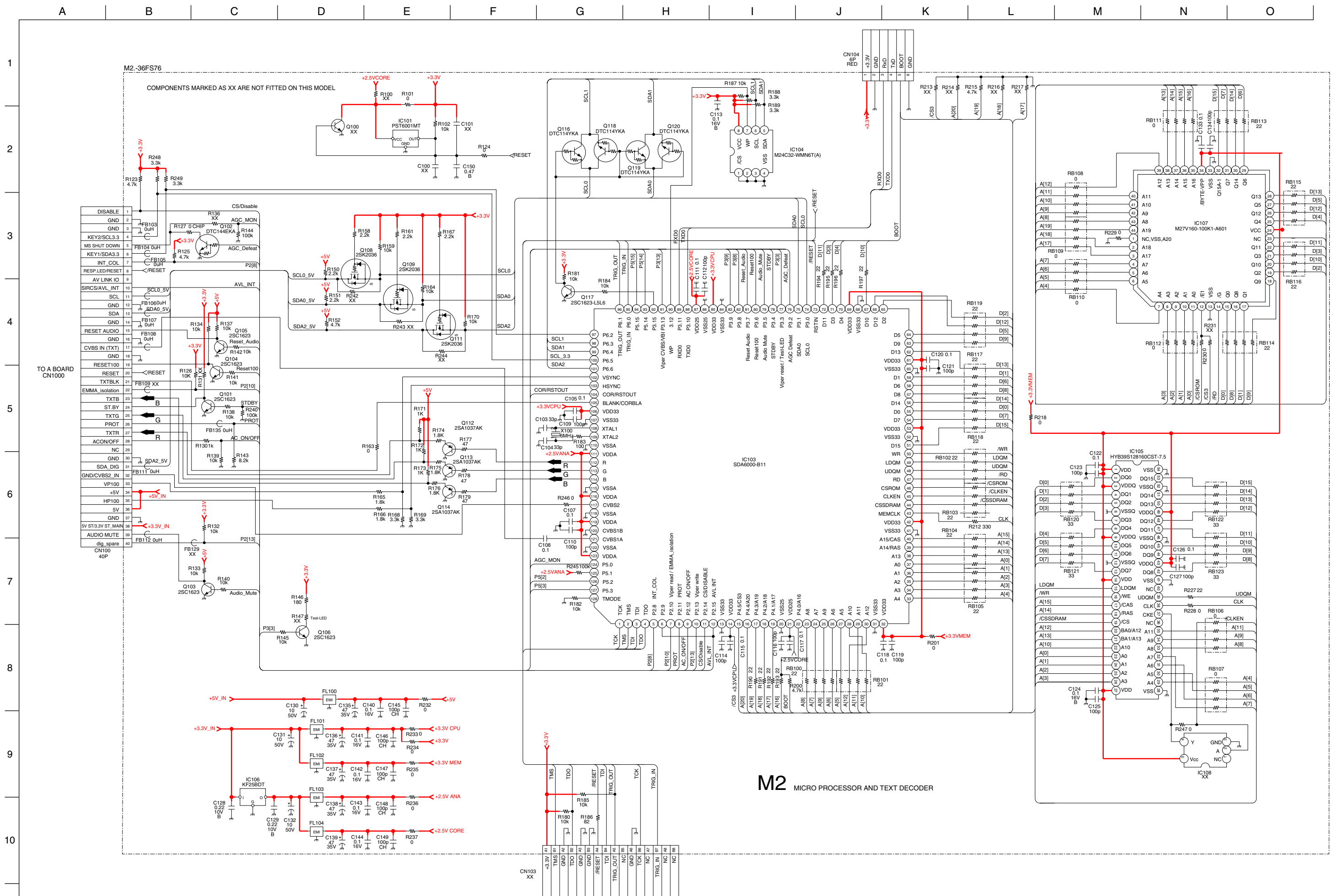


~ M2 Printed Wiring Board Conductor side A ~

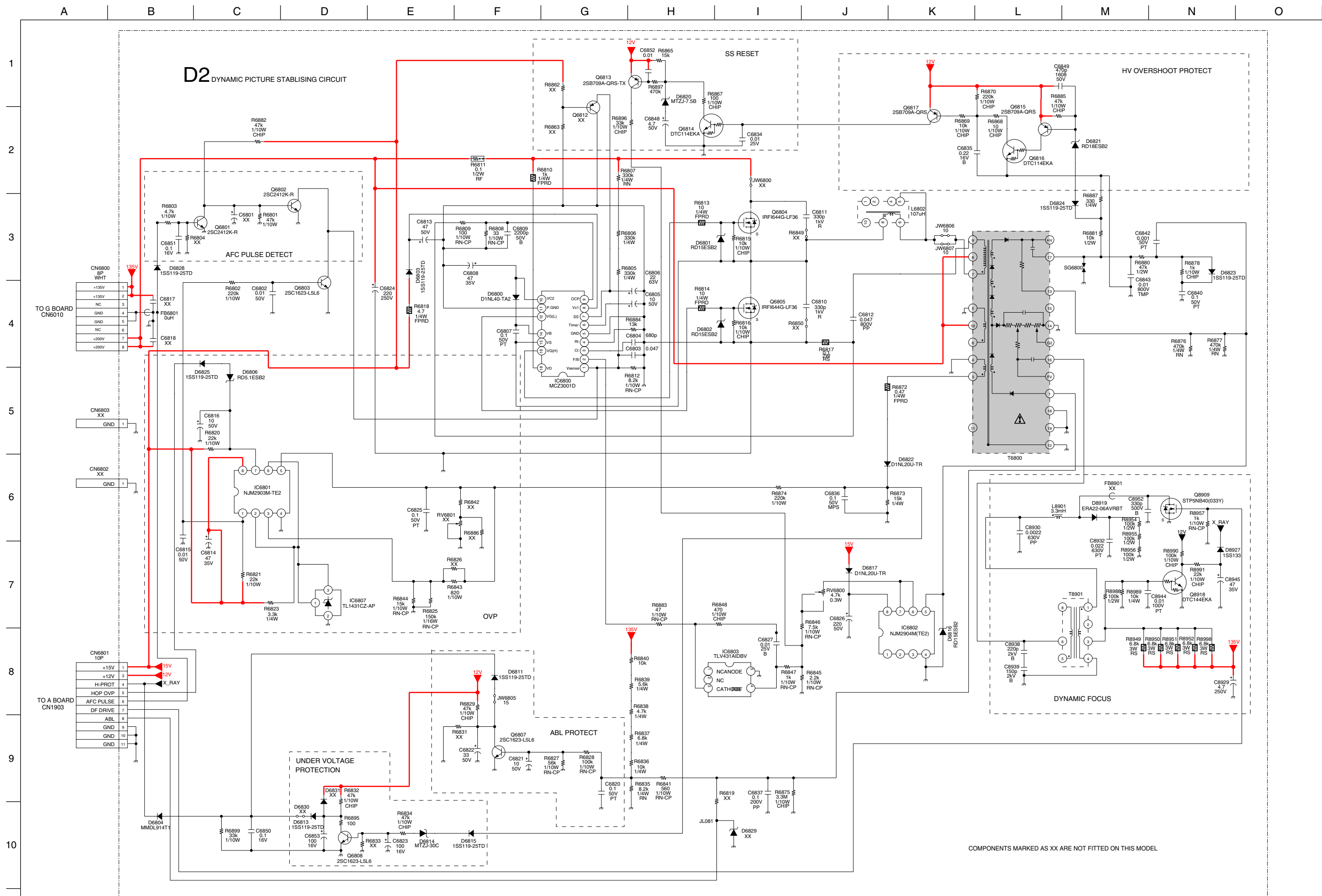


~ M2 Printed Wiring Board Conductor side B ~



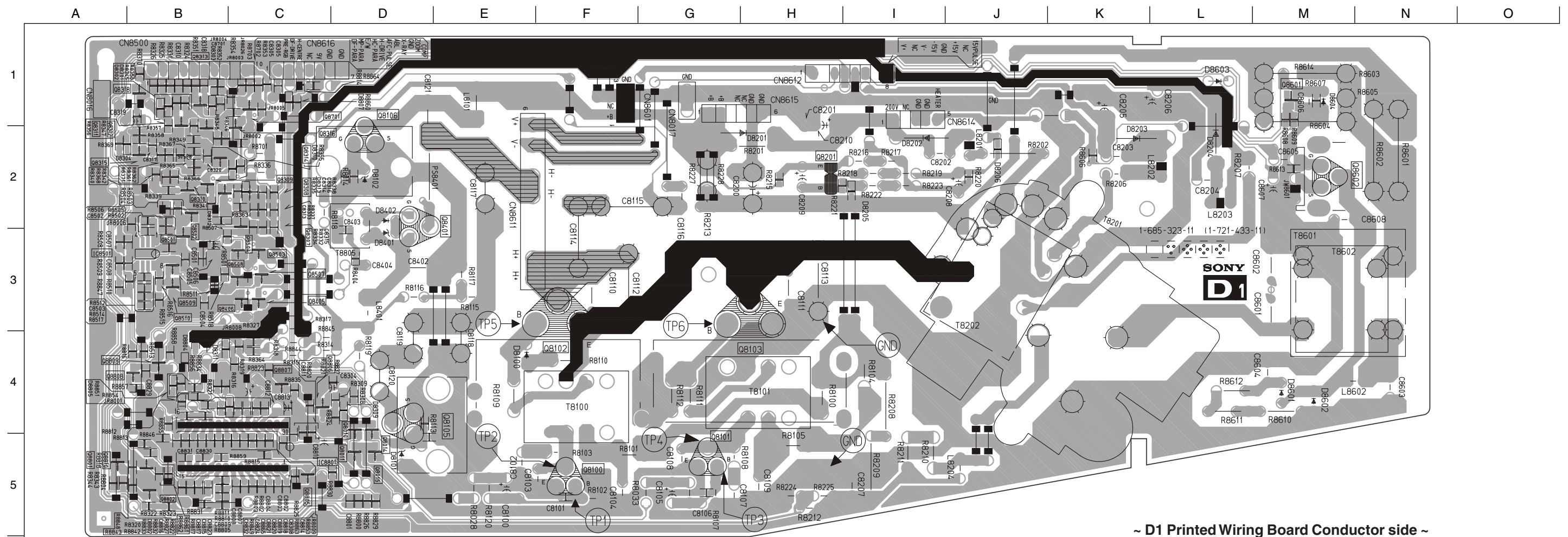


~ M2 Board Schematic Diagram [MicroProcessor and Text Decoder] ~



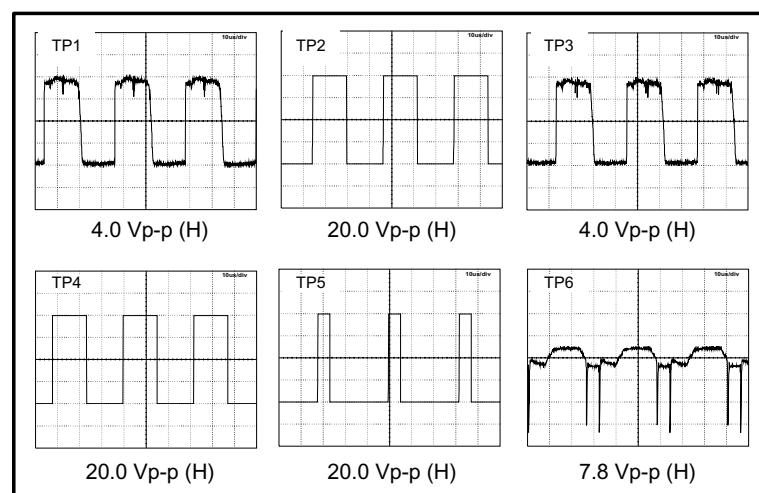
D2-36FS76

~ D2 Board Schematic Diagram [Dynamic Picture Stabilising Circuit] ~



~ D1 Printed Wiring Board Conductor side ~

~ D1 Board Waveforms ~



~ D1 Board Location Table ~

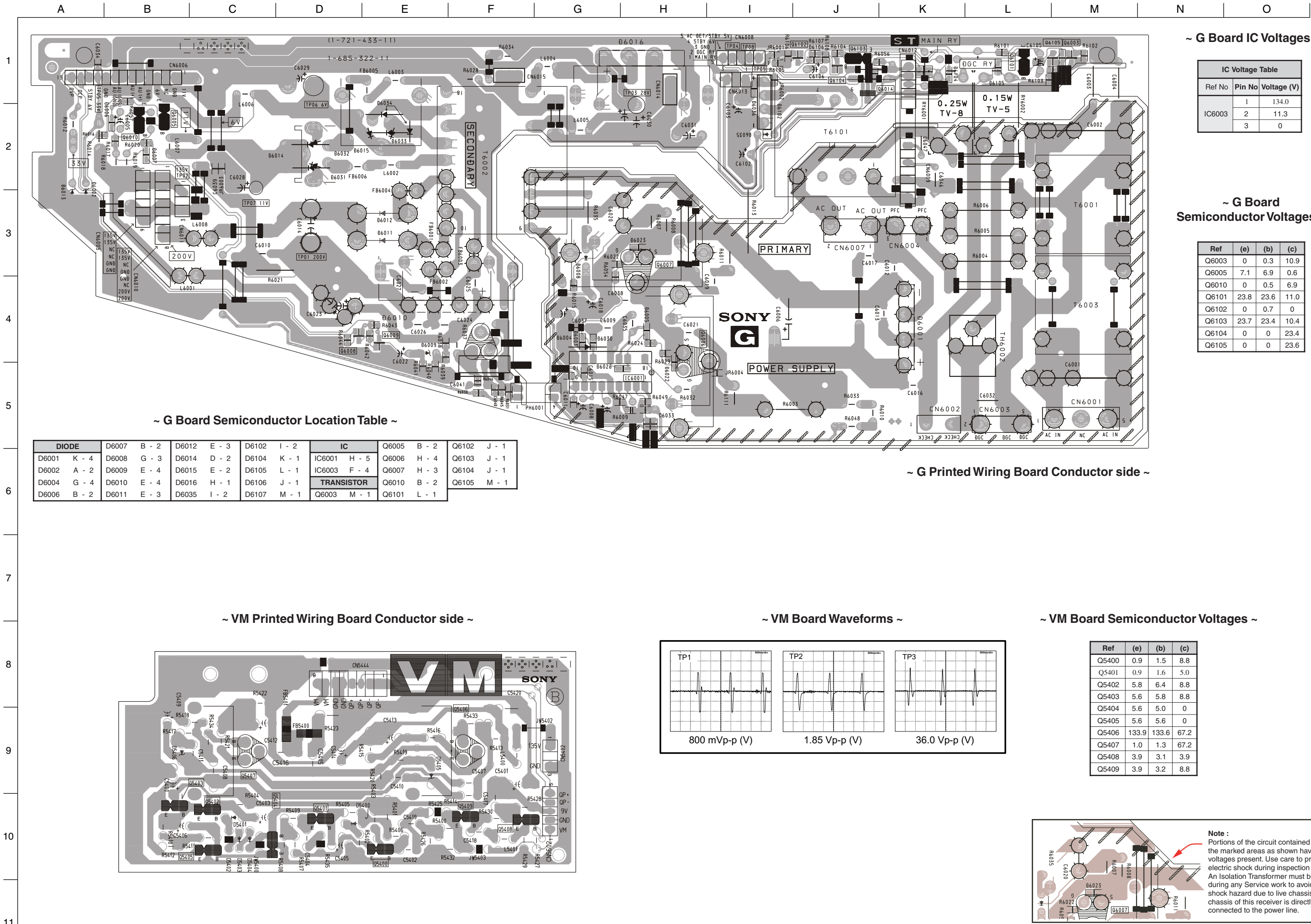
DIODE		D8311 B - 4	TRANSISTOR	Q8105 D - 5	Q8801 A - 5
D8100 E - 4	D8312 B - 3	Q8010 D - 5	Q8106 D - 2	Q8802 B - 6	
D8101 D - 5	D8313 C - 3	Q8011 D - 5	Q8501 B - 3	Q8806 C - 5	
D8102 D - 2	D8802 B - 5	Q8014 D - 5	Q8502 B - 3	Q8807 C - 4	
D8201 H - 2	D8804 B - 4	Q8015 D - 5	Q8503 C - 3	Q8808 B - 6	
D8202 I - 2	D8805 B - 4	Q8100 F - 5	Q8504 C - 3	Q8809 B - 4	
D8203 K - 2	IC	Q8101 G - 5	Q8507 C - 3	Q8810 A - 5	
D8204 L - 2	IC8501 A - 3	Q8102 F - 4	Q8508 C - 3		
D8309 D - 5	IC8801 C - 5	Q8103 H - 4	Q8701 C - 2		

~ D1 Board Semiconductor Voltages ~

Ref	(s)	(g)	(d)
Q8105	0	3.2	21.1
Q8106	0	1.1	135.2
Ref	(e)	(b)	(c)
Q8010	4.0	3.9	8.9
Q8011	4.0	3.9	0
Q8014	3.9	3.8	8.9
Q8015	3.9	3.8	0
Q8308	0.9	0.2	0
Q8503	3.2	3.2	8.9
Q8504	3.2	3.2	0
Q8507	1.1	1.0	8.9
Q8508	1.1	1.0	0
Q8701	0.5	0	8.9
Q8806	0	0.7	0
Q8807	4.4	3.8	0
Q8808	0	2.1	0
Q8809	0	0	1.0

~ D1 Board IC Voltages ~

Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)
IC8801	1	4.4	IC8801	7	3.7	IC8801	13	3.0	IC8801	19	2.6	IC8801	25	4.2
	2	2.7		8	3.7		14	1.0		20	5.5		26	3.8
	3	3.4		9	3.2		15	0		21	2.6		27	2.7
	4	1.4		10	3.2		16	3.2		22	1.0		28	3.9
	5	0		11	1.3		17	1.7		23	1.0		29	3.8
	6	3.0		12	2.1		18	3.2		24	5.5		30	8.8



~ G Board IC Voltages ~

IC Voltage Table		
Ref No	Pin No	Voltage (V)
IC6003	1	134.0
	2	11.3
	3	0

~ G Board Semiconductor Voltages ~

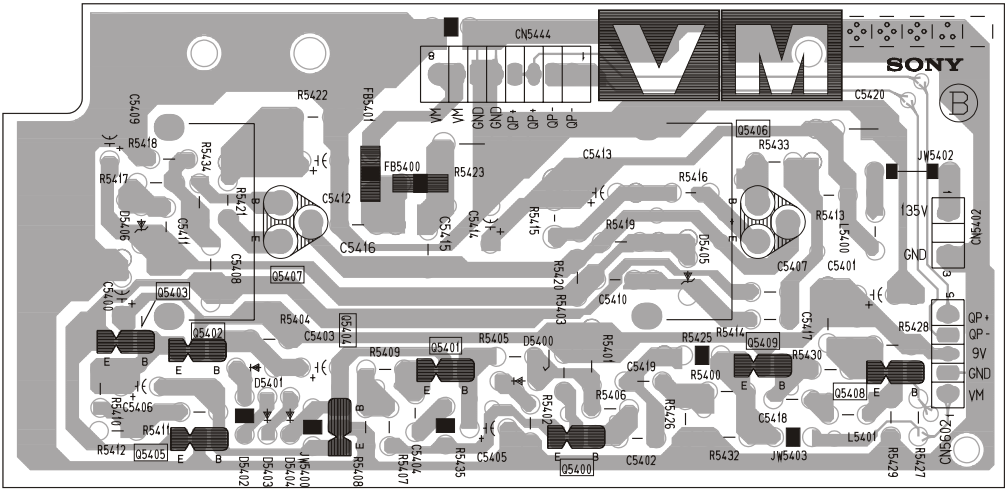
Ref	(e)	(b)	(c)
Q6003	0	0.3	10.9
Q6005	7.1	6.9	0.6
Q6010	0	0.5	6.9
Q6101	23.8	23.6	11.0
Q6102	0	0.7	0
Q6103	23.7	23.4	10.4
Q6104	0	0	23.4
Q6105	0	0	23.6

~ G Board Semiconductor Location Table ~

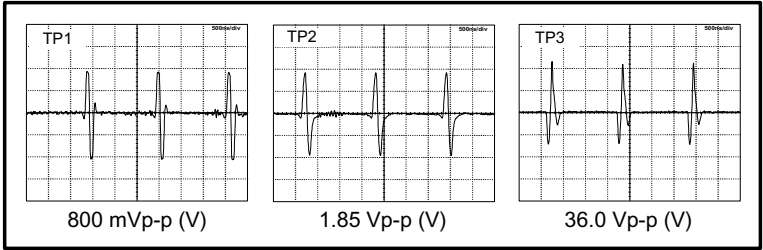
DIODE		D6007	B - 2	D6012	E - 3	D6102	I - 2	IC		Q6005	B - 2	Q6102	J - 1
D6001	K - 4	D6008	G - 3	D6014	D - 2	D6104	K - 1	IC6001	H - 5	Q6006	H - 4	Q6103	J - 1
D6002	A - 2	D6009	E - 4	D6015	E - 2	D6105	L - 1	IC6003	F - 4	Q6007	H - 3	Q6104	J - 1
D6004	G - 4	D6010	E - 4	D6016	H - 1	D6106	J - 1	TRANSISTOR		Q6010	B - 2	Q6105 M - 1	
D6006	B - 2	D6011	E - 3	D6035	I - 2	D6107	M - 1	Q6003 M - 1		Q6101	L - 1		

~ G Printed Wiring Board Conductor side ~

~ VM Printed Wiring Board Conductor side ~



~ VM Board Waveforms ~

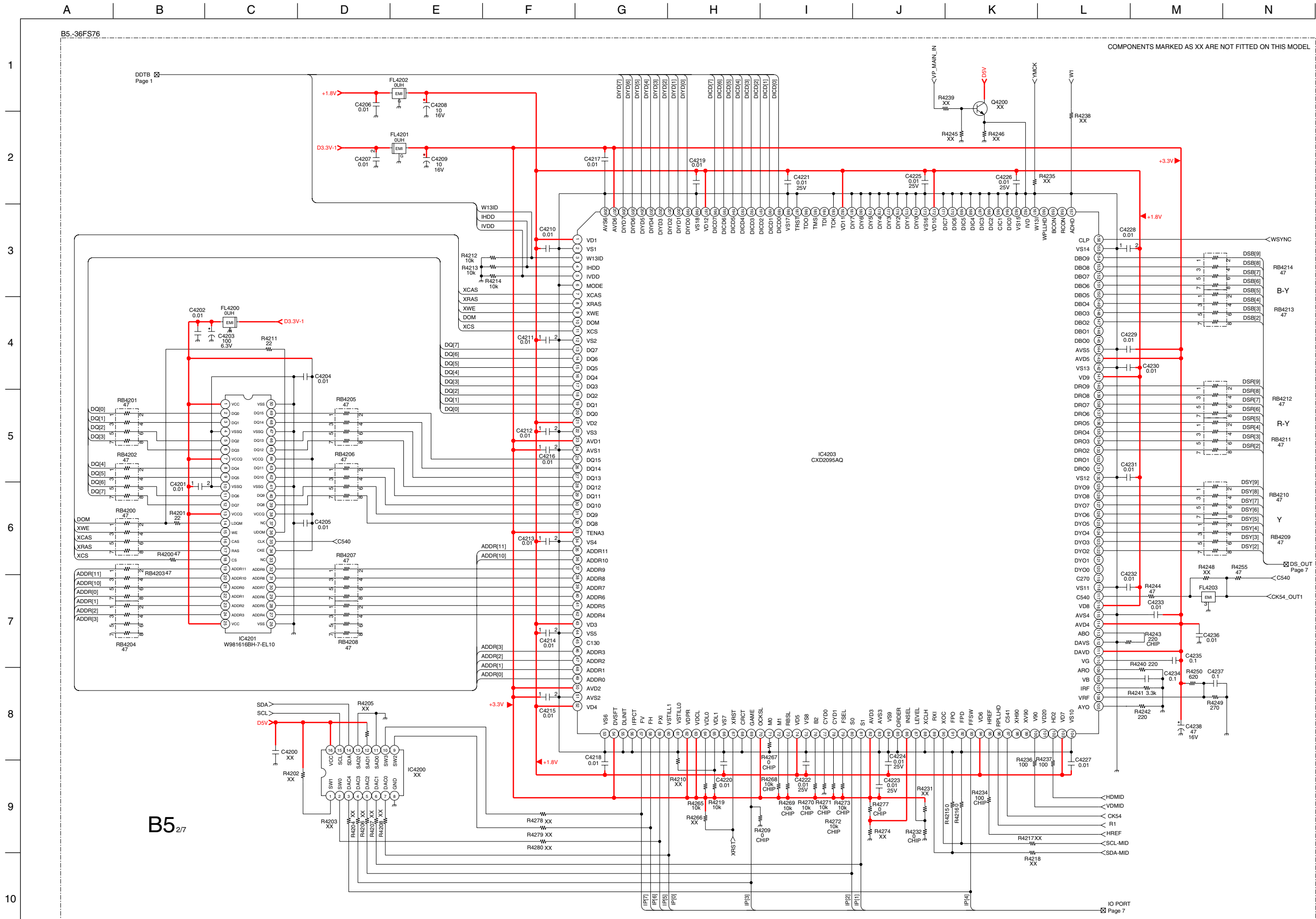


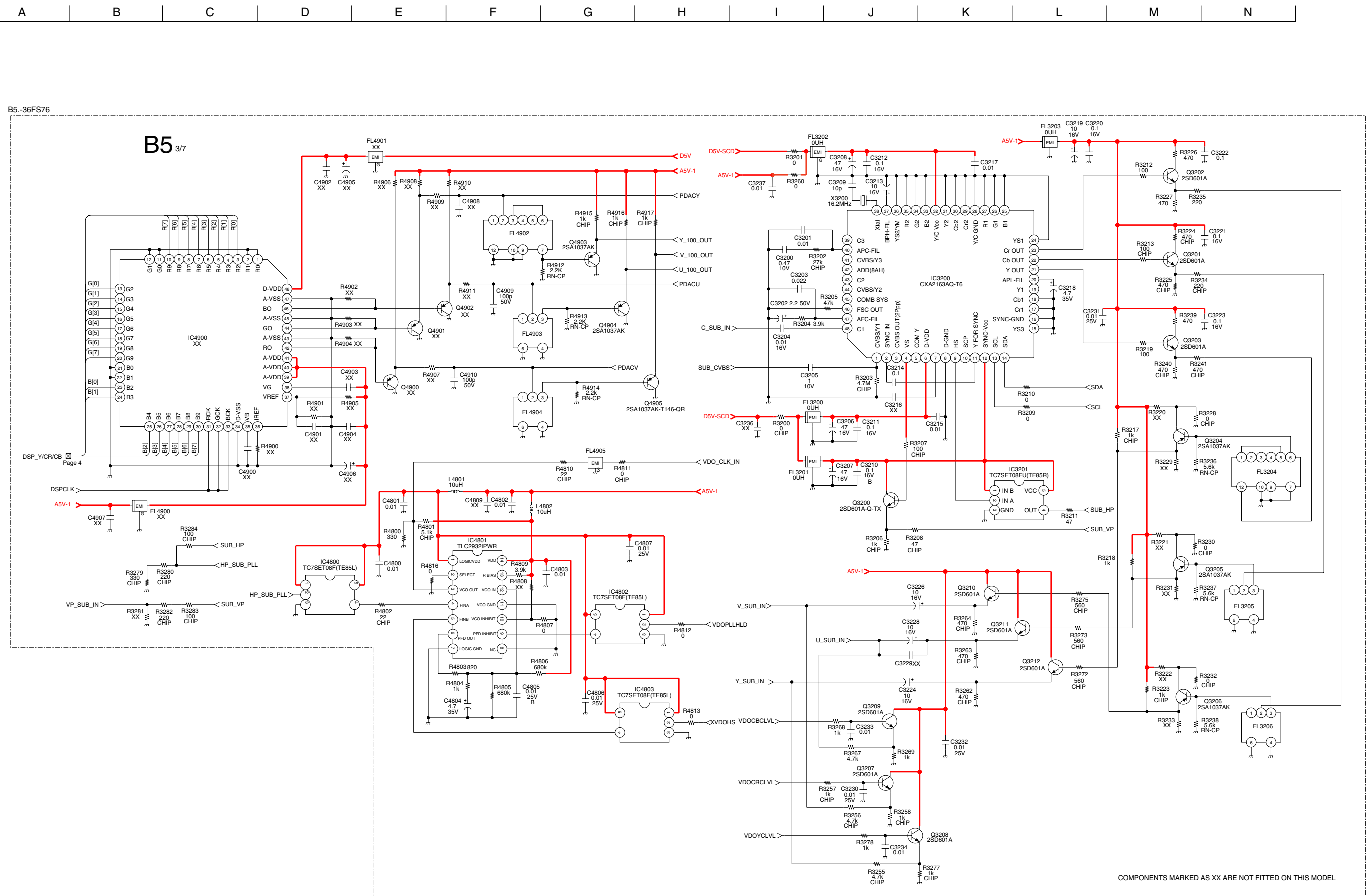
~ VM Board Semiconductor Voltages ~

Ref	(e)	(b)	(c)
Q5400	0.9	1.5	8.8
Q5401	0.9	1.6	5.0
Q5402	5.8	6.4	8.8
Q5403	5.6	5.8	8.8
Q5404	5.6	5.0	0
Q5405	5.6	5.6	0
Q5406	133.9	133.6	67.2
Q5407	1.0	1.3	67.2
Q5408	3.9	3.1	3.9
Q5409	3.9	3.2	8.8

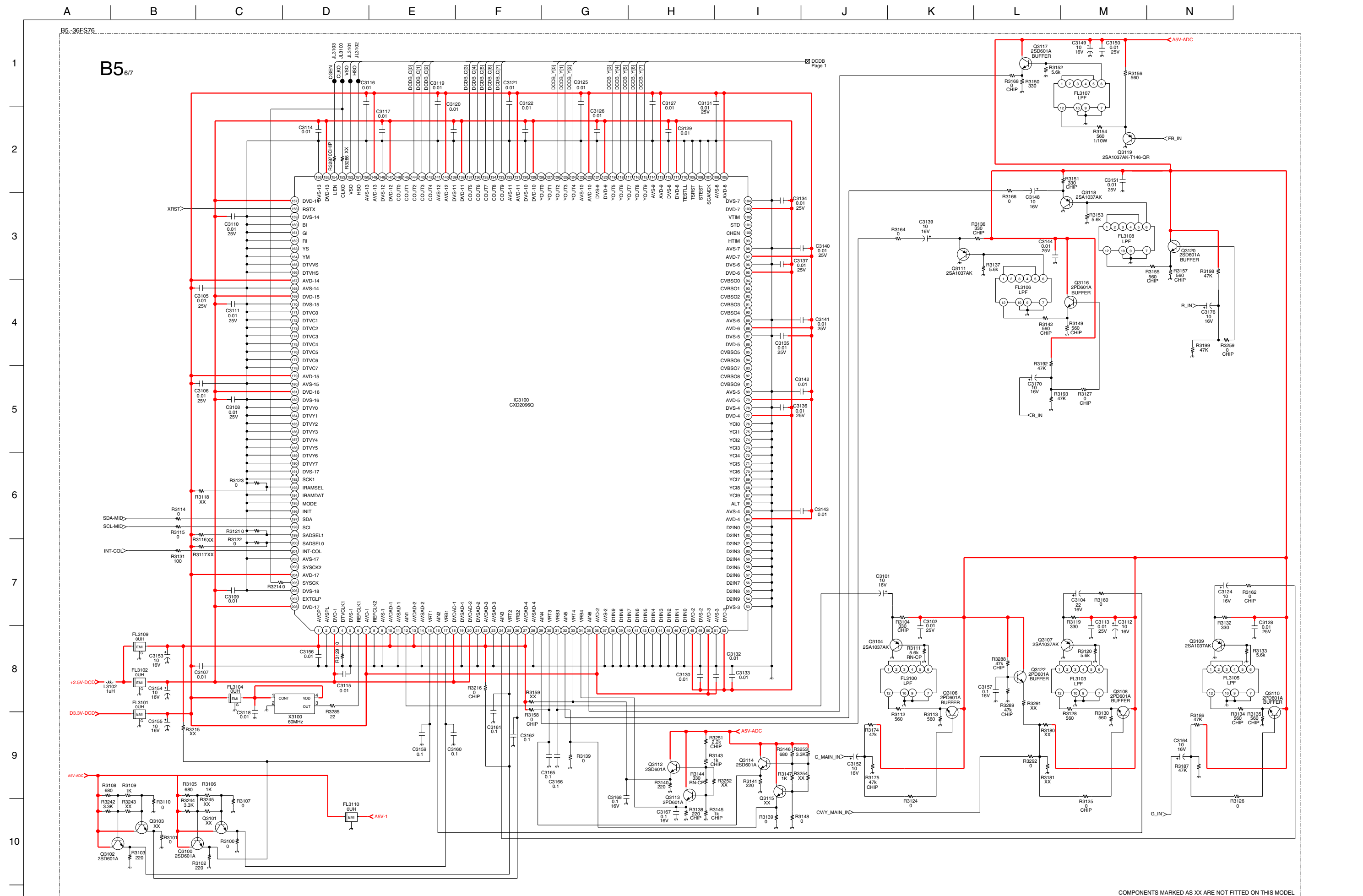
Note :
Portions of the circuit contained within the marked areas as shown have high voltages present. Use care to prevent electric shock during inspection or repair. An Isolation Transformer must be used during any Service work to avoid possible shock hazard due to live chassis. The chassis of this receiver is directly connected to the power line.



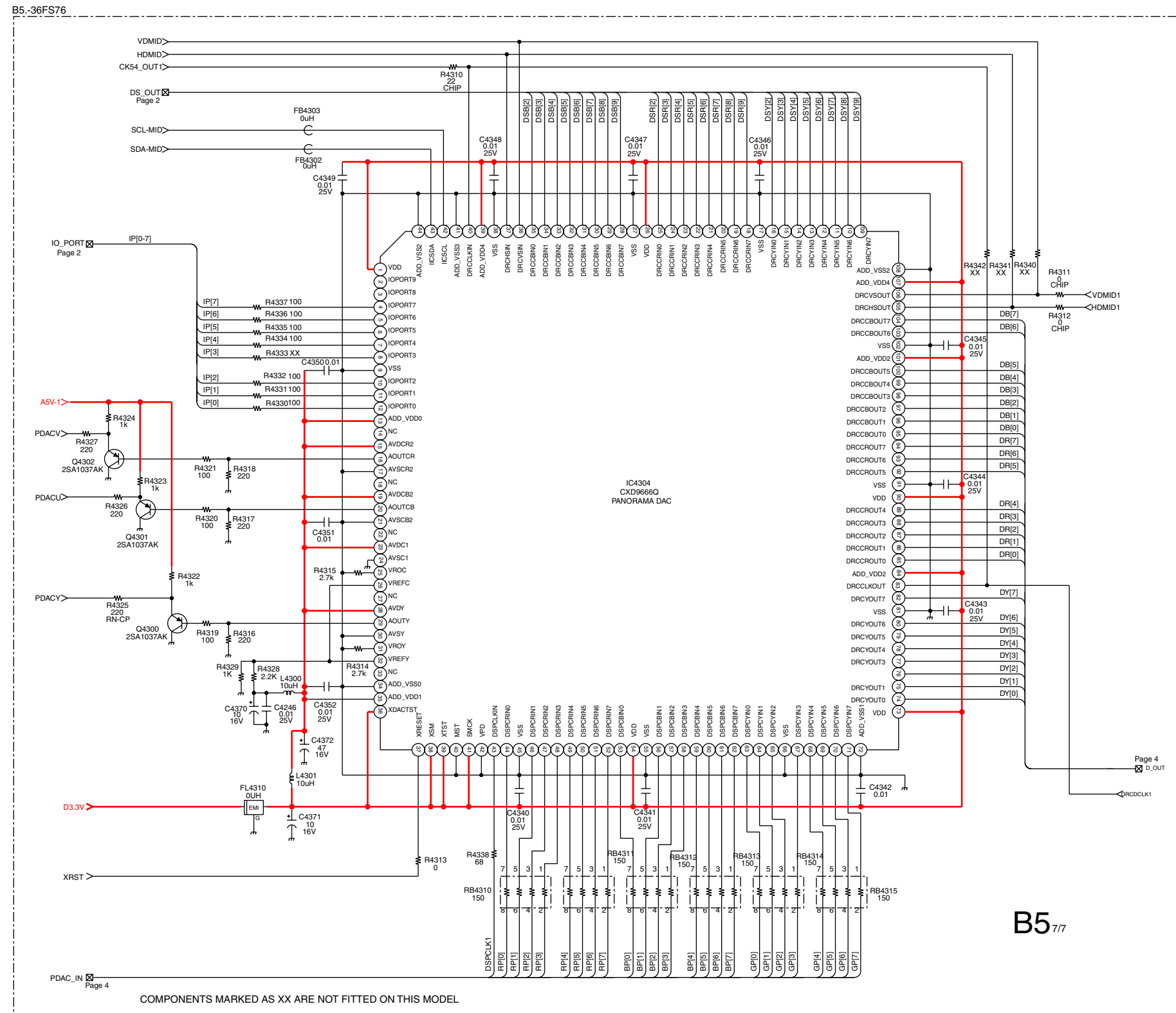




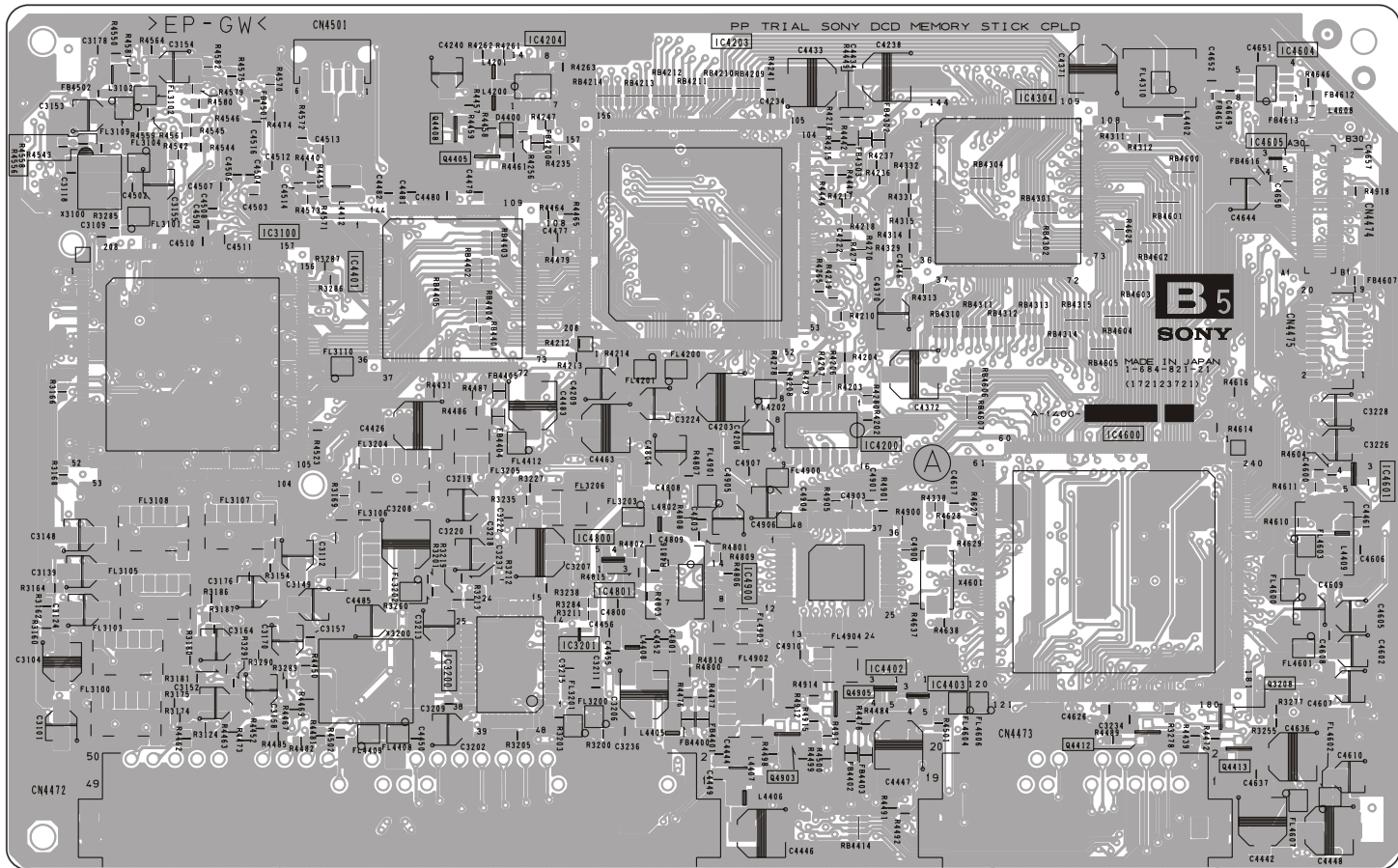




~ B5 Board Schematic Diagram [Picture Decoder, DRC, Digital Noise Reduction] Page 6/7~



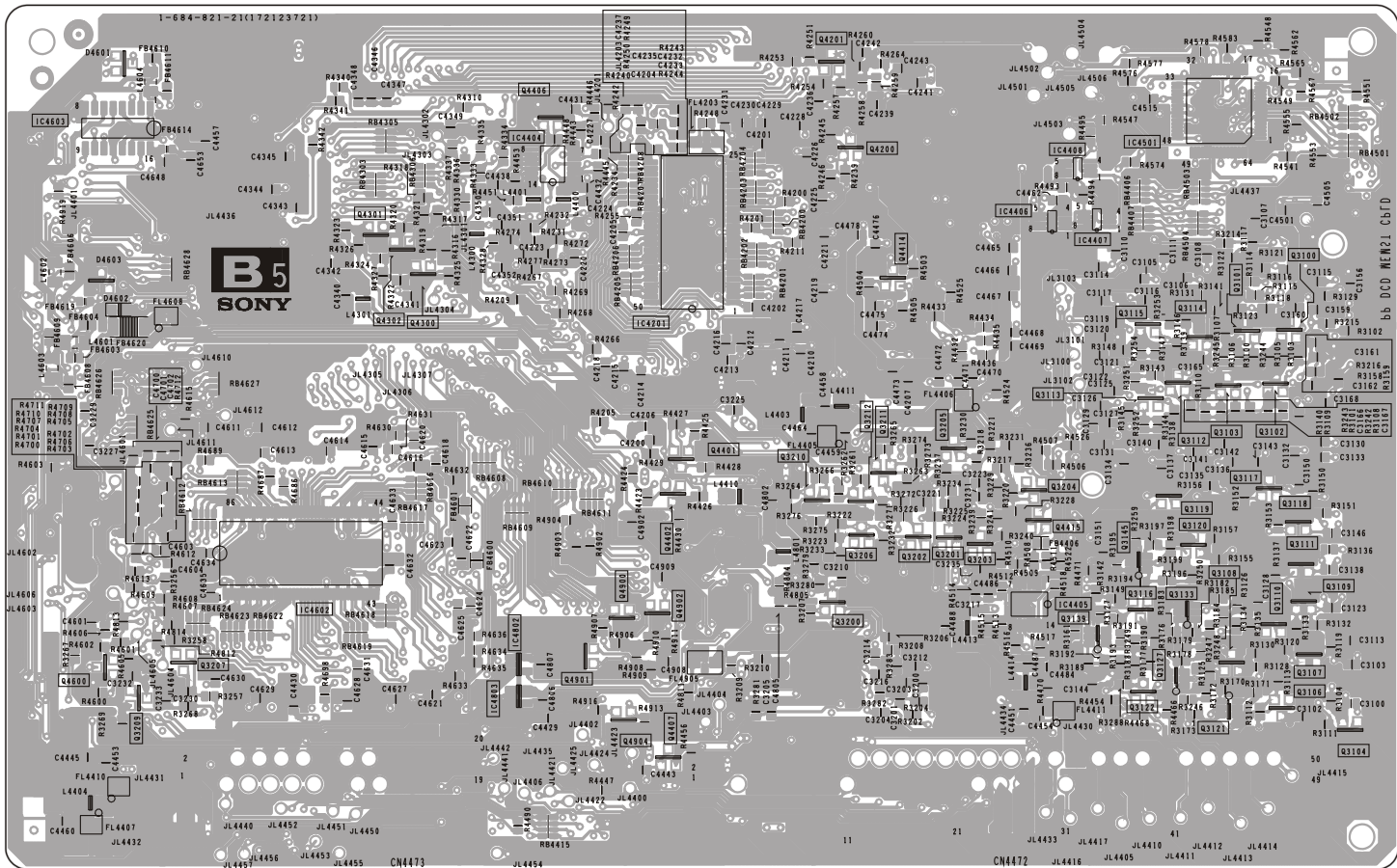
~ B5 Printed Wiring Board Conductor side A ~



~ B5 Location Table A Side ~

DIODE		IC3201	E - 5	IC4403	G - 5	TRANSISTOR		Q4903	F - 5	
D4400		E - 2	IC4200	F - 3	IC4600	H - 4	Q3208	I - 5	Q4905	G - 5
IC		IC4203	F - 2	IC4800	E - 4	Q4405	E - 2			
IC3100		C - 3	IC4401	D - 3	IC4801	E - 4	Q4408			D - 2
IC3200		D - 5	IC4402	G - 5	IC4900	F - 4	Q4413			I - 5

~ B5 Printed Wiring Board Conductor side B ~

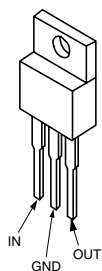


~ B5 Location Table B Side ~

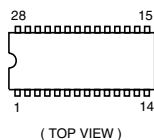
IC		Q3102	I - 8	Q3112	H - 8	Q3122	H - 10	Q3207	C - 10	Q4407	E - 10
IC4201	F - 8	Q3104	I - 10	Q3113	H - 8	Q3200	F - 10	Q3209	C - 10	Q4600	C - 10
IC4404	E - 7	Q3106	I - 10	Q3114	H - 8	Q3201	G - 9	Q3210	G - 9	Q4900	E - 10
IC4602	D - 9	Q3107	I - 10	Q3116	H - 10	Q3202	G - 9	Q3211	G - 9	Q4901	E - 10
IC4802	E - 10	Q3108	I - 10	Q3117	I - 9	Q3203	G - 9	Q3212	G - 9	Q4902	F - 10
IC4803	E - 10	Q3109	I - 10	Q3118	I - 9	Q3204	H - 9	Q4401	F - 9	Q4904	E - 10
TRANSISTOR		Q3110	I - 10	Q3119	H - 9	Q3205	G - 9	Q4402	F - 9		
Q3100	I - 8	Q3111	I - 10	Q3120	H - 9	Q3206	G - 9	Q4406	E - 7		

5-4. SEMICONDUCTORS

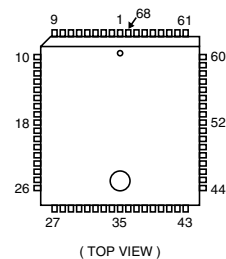
BA033T
BA05T
BA12T
SE-012N-LF4



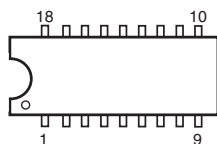
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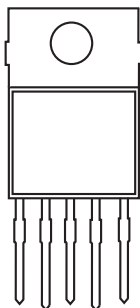
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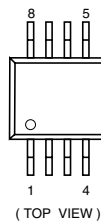
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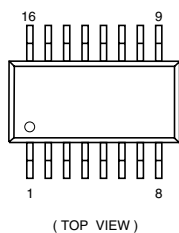
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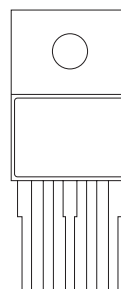
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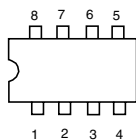
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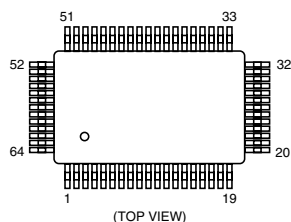
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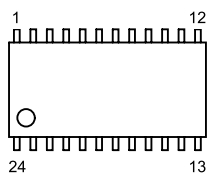
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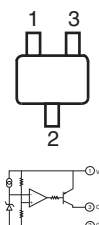
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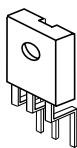
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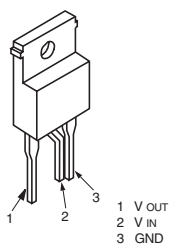
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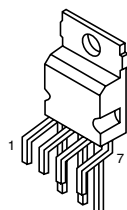
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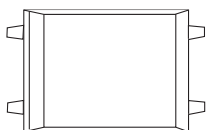
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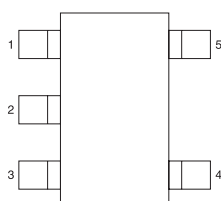
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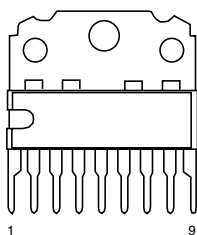
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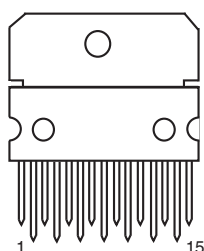
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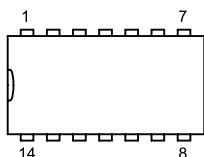
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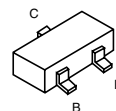
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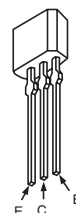
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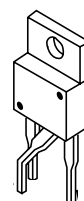
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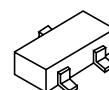
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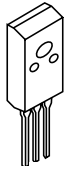
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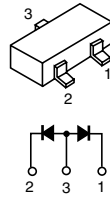
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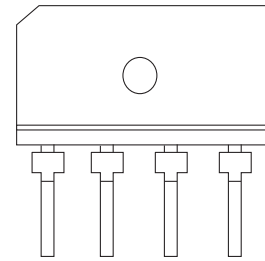
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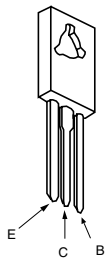
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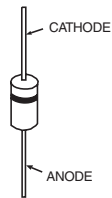
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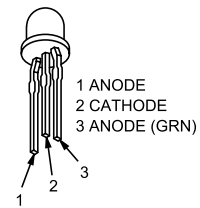
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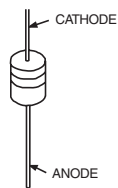
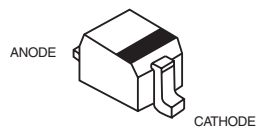
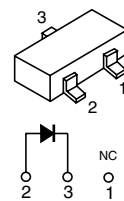


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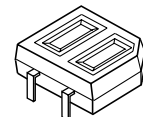
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RD18ES-B2
RD5.1ESB2
RD5.6ESB2
RD6.8ESB2
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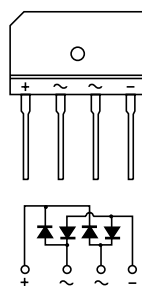
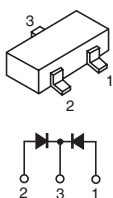


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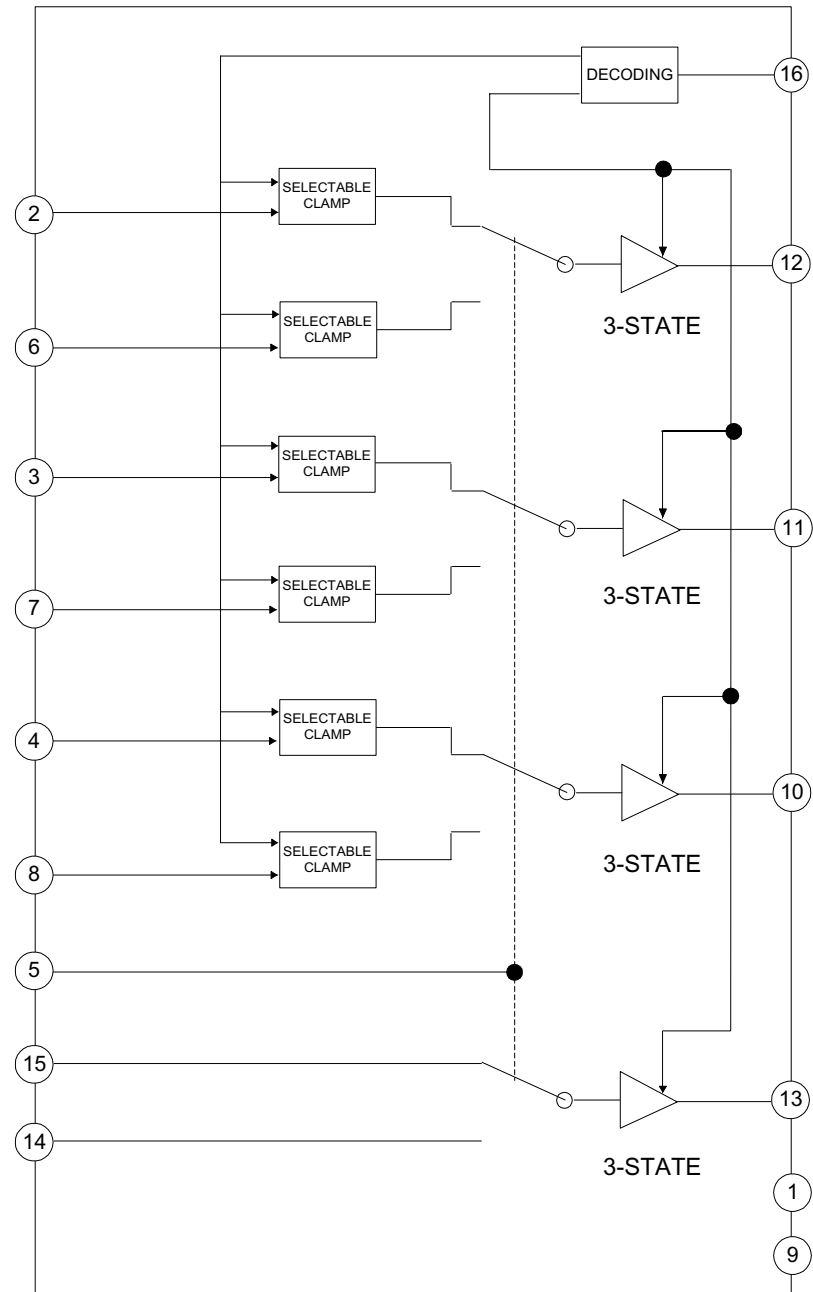
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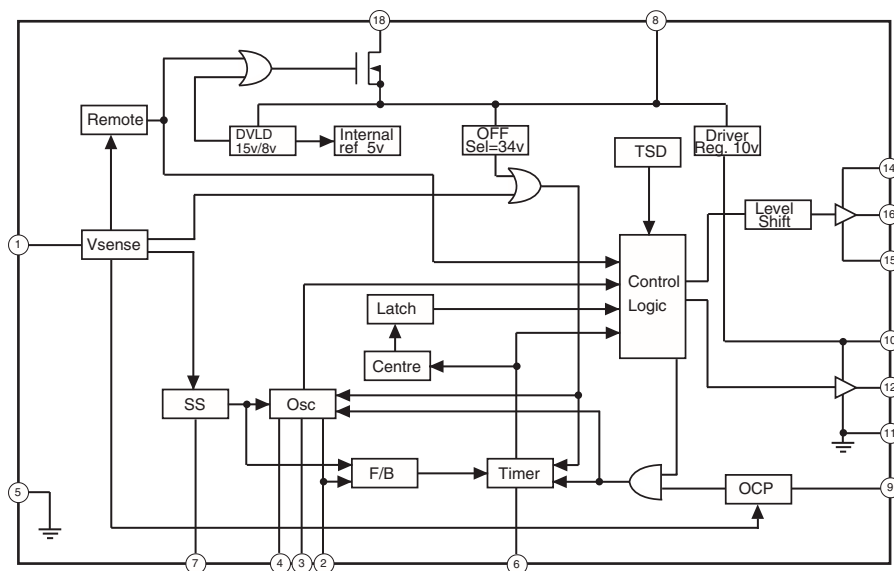


5-5 IC BLOCK DIAGRAMS

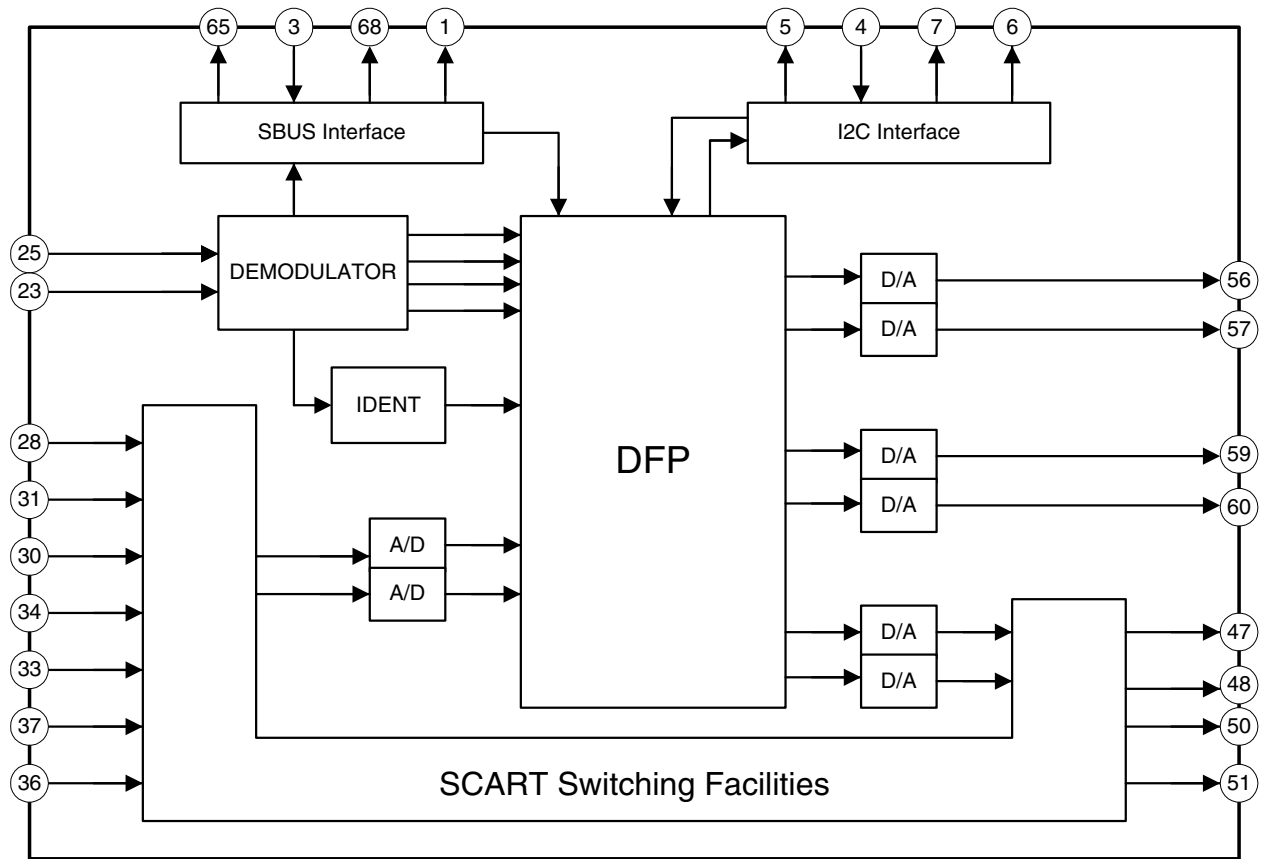
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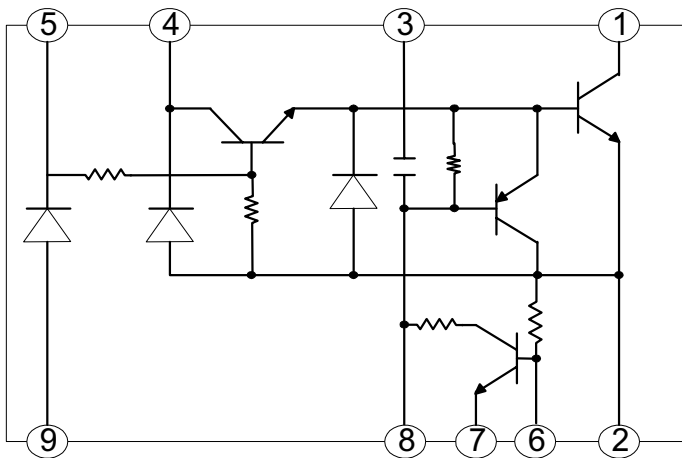
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D2 BOARD IC6800 MCZ3001D



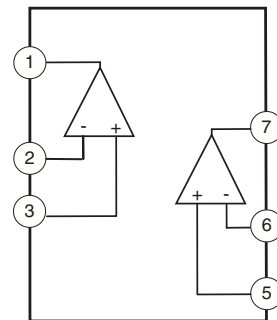
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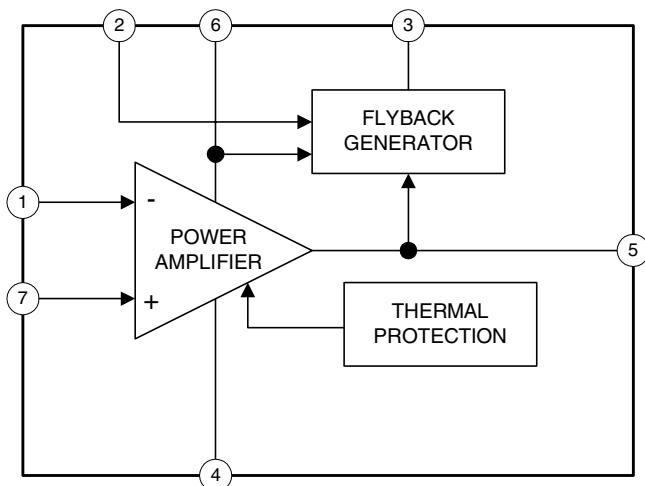
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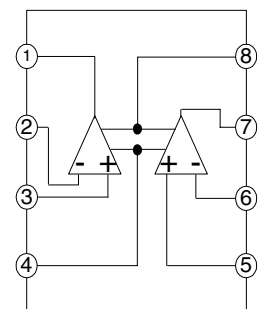
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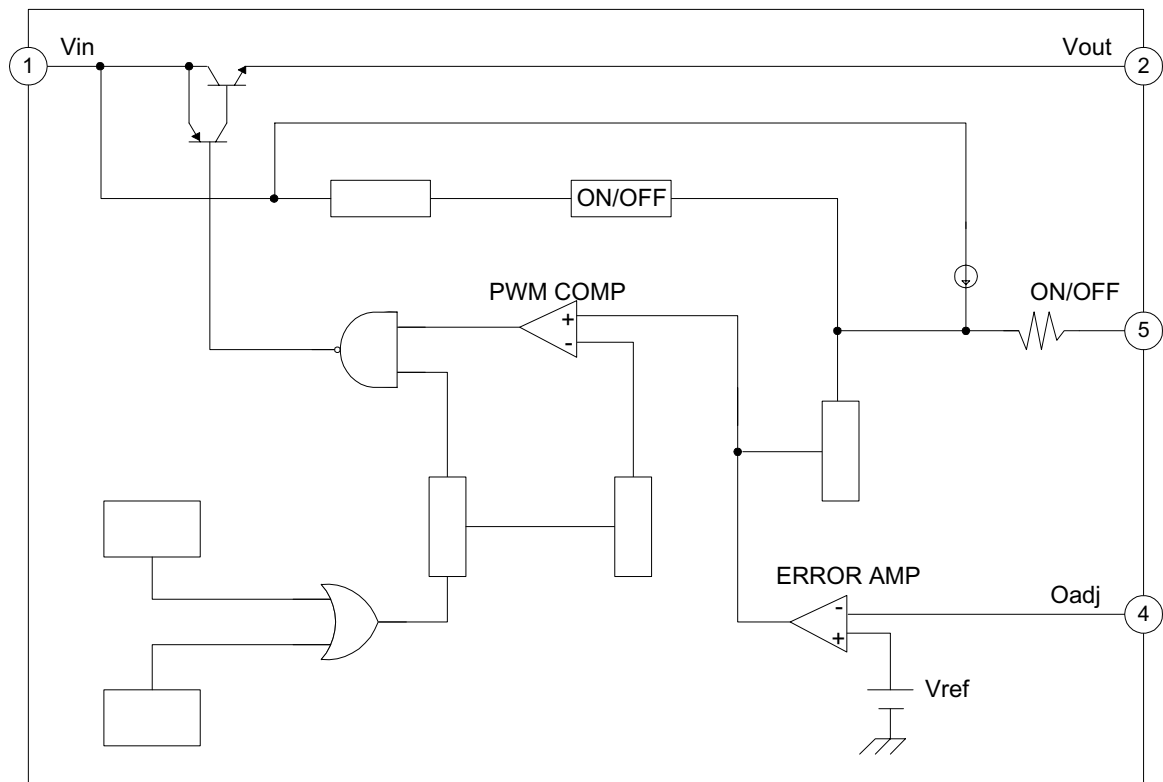
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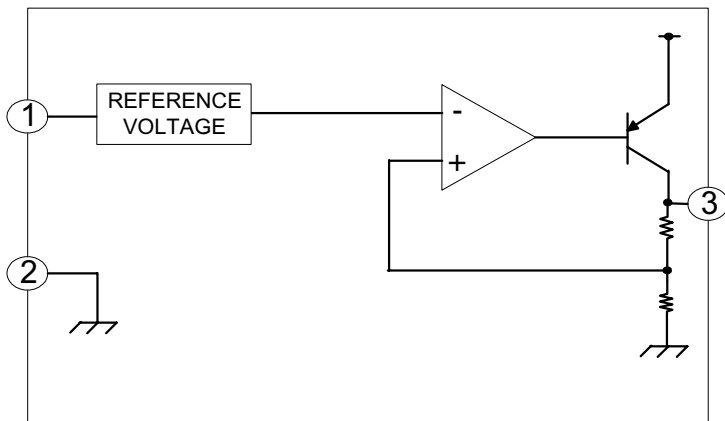
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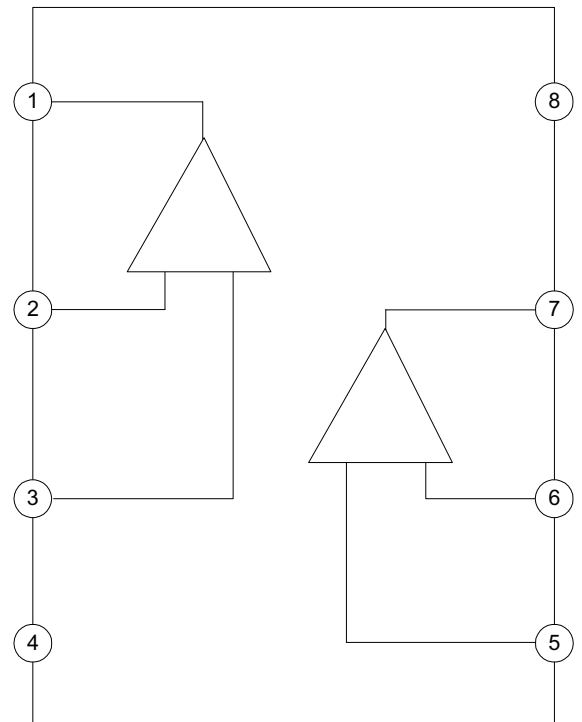
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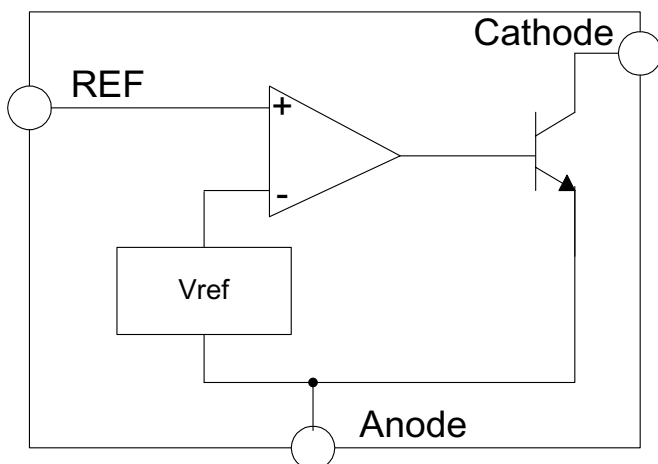
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D2 BOARD IC6803/IC6807 TLV431/TL1431



SECTION 6 EXPLODED VIEWS

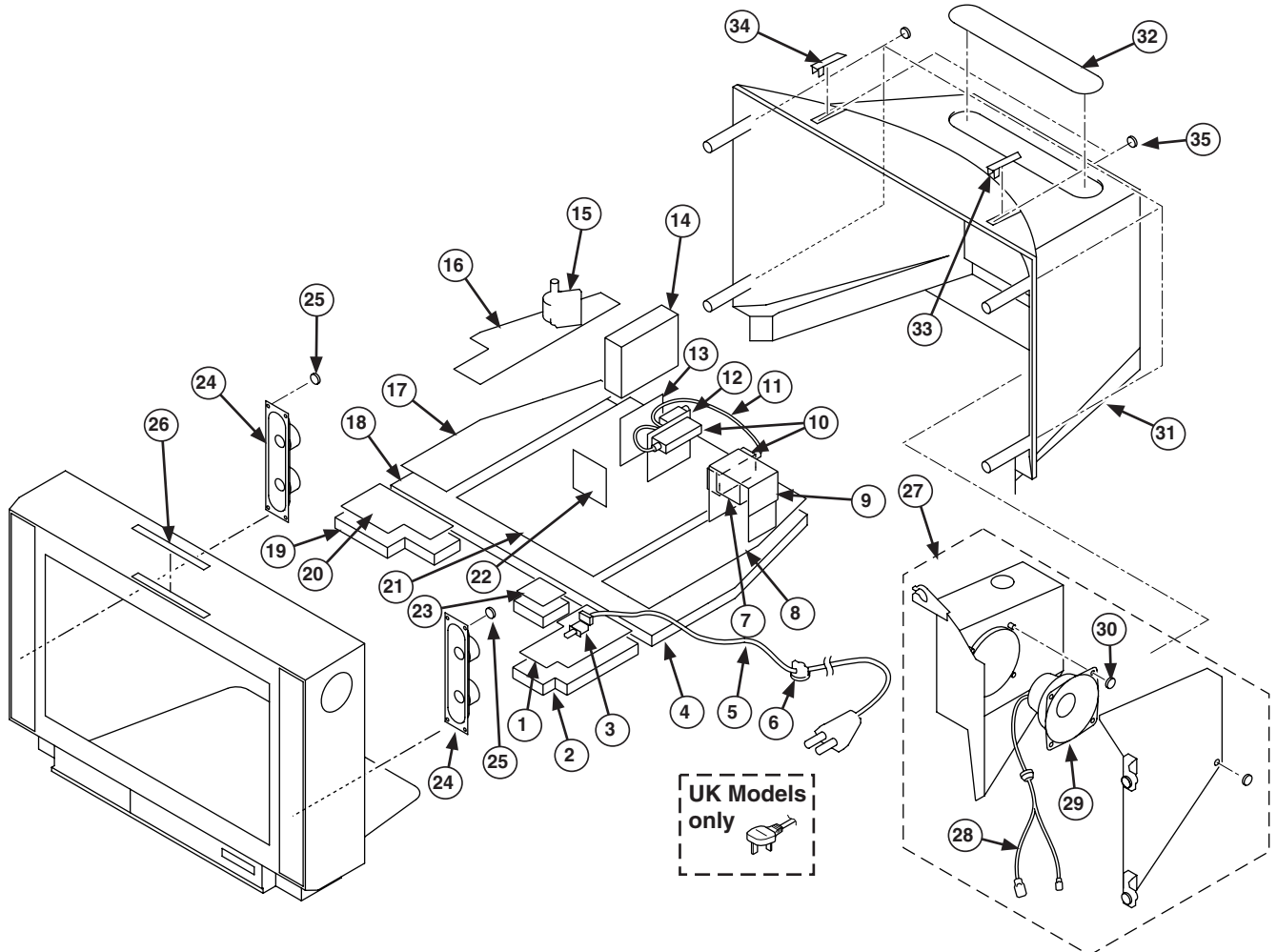
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces du numéro spécifié.

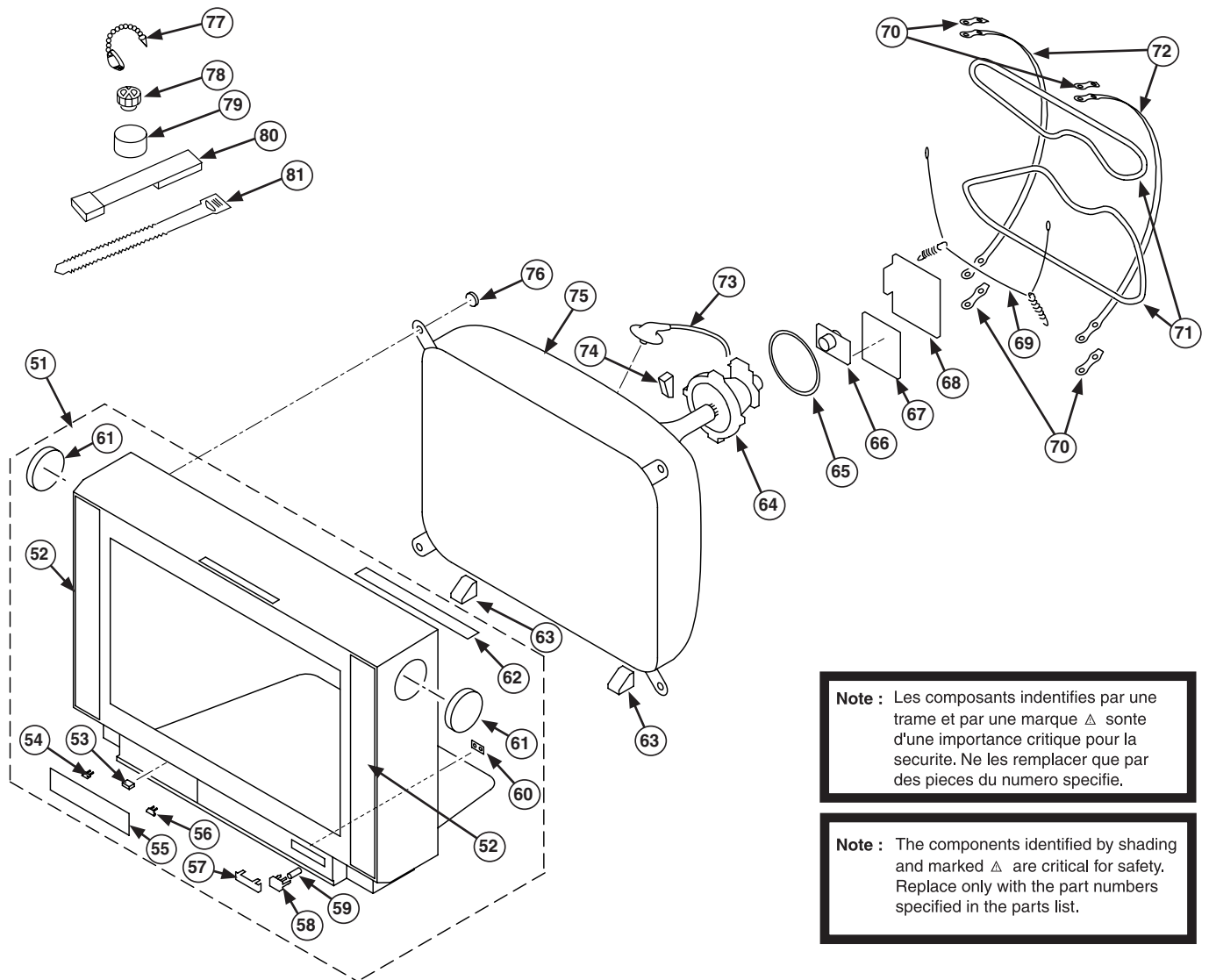
Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

6-1. CHASSIS



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
1	*A-1401-117-A	F4 BOARD, COMPLETE		17	*A-1300-285-A	D1 BOARD, COMPLETE	
2	*4-088-707-01	F BRACKET		18	*4-087-469-01	BRACKET, D2	
3	Δ 1-571-433-21	SWITCH, PUSH (AC POWER)		19	*4-088-706-01	H BRACKET	
4	*4-206-106-21	BRACKET, MAIN		20	*A-1401-118-A	H3 BOARD, COMPLETE	
5	Δ 1-765-286-11	CORD, POWER (KV-36FS76B/36FS76E)		21	*A-1401-377-A	A BOARD, COMPLETE (KV-36FS76B)	
	Δ 1-792-592-11	CORD, PLUG WITH POWER (KV-36FS76U)			*A-1401-119-A	A BOARD, COMPLETE (KV-36FS76E)	
6	*4-202-531-01	AC CORD LOCK (SC)			*A-1401-376-A	A BOARD, COMPLETE (KV-36FS76U)	
7	1-424-855-11	COIL, CHOKE 29MMH		22	*A-1400-438-A	M2 BOARD, COMPLETE	
8	*A-1300-549-A	G BOARD, COMPLETE		23	*A-1400-437-A	H BOARD, COMPLETE	
9	*4-206-688-01	BRACKET, PFC		24	1-825-177-11	LOUDSPEAKER (4.2x24CM)	
10	8-598-536-20	FRONTEND BTF-EF412 (KV-36FS76B)		25	4-384-096-01	SCREW (4X16), TAPPING, +P	
	8-598-534-10	FRONTEND BTF-EC412 (KV-36FS76E)		26	1-786-413-11	ARRAY SWITCH	
	8-598-530-10	FRONTEND BTF-EU612 (KV-36FS76U)		27	*A-1678-151-D	WOOFER (R) ASSY, SP	28,30
11	1-824-464-11	P-P CABLE		28	1-790-005-21	CABLE, SPEAKER (WITH GROMMET)	
12	*A-1300-651-A	J2 BOARD, COMPLETE (KV-36FS76B)		29	1-529-144-11	SPEAKER (13CM)	
	*A-1300-632-A	J2 BOARD, COMPLETE (KV-36FS76E)		30	4-039-355-11	SCREW (4X12), (+) BV TAPPING	
	*A-1300-676-A	J2 BOARD, COMPLETE (KV-36FS76U)		31	4-204-924-21	COVER, REAR	
13	*A-1300-576-A	B5 BOARD, COMPLETE		32	*4-204-458-21	COVER, PORT	
14	*X-4200-759-3	SHIELD N ASSY		33	4-204-991-03	COVER, SCREW (R)	
15	Δ 1-453-444-21	TRANSFORMER ASSY, FLYBACK (NX-6020//Z2B4)		34	4-204-990-03	COVER, SCREW (L)	
16	*A-1300-709-A	D2 BOARD, COMPLETE		35	7-685-663-71	SCREW +BVTP TYPE 2 IT-3	

6-2. PICTURE TUBE



REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
51	*X-4040-405-1	BEZNET ASSY	52-62	67	*A-1400-466-A	VM BOARD, COMPLETE	
52	4-204-993-01	GRILLE, SPEAKER		68	*A-1400-465-A	C BOARD, COMPLETE	
53	4-042-192-11	CATCHER, PUSH		69	4-089-228-01	SPRING, EXTENSION	
54	4-202-555-01	SHAFT, DOOR		70	4-089-227-01	DGC CLIP	
55	4-205-106-21	DOOR, CONTROL		71	Δ 1-428-963-11	DEGAUSSING COIL	
56	4-045-250-01	DAMPER		72	4-067-455-01	BAND, DGC	
57	4-204-492-03	WINDOW, ORNAMENTAL		73	Δ 1-251-946-11	CAP ASSY, HIGH-VOLTAGE	
58	4-204-438-11	BUTTON, POWER		74	4-704-495-01	SPACER, DY	
59	4-204-426-01	SPRING		75	Δ 8-735-061-05	PICTURE TUBE (W86LPH010X)	
60	4-204-439-11	GUIDE, LIGHT		76	4-036-188-02	SCREW, SELF TAPPING	
61	4-064-943-11	COVER, HANDLE		77	4-308-870-00	CLIP, LEAD WIRE	
62	4-204-865-21	SHEET, BLOTING		78	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM	
63	*4-203-098-01	SUPPORTER, CRT		79	1-452-032-11	MAGNET, DISK; 10MM	
64	Δ 8-451-507-32	DEFLECTION YOKE (Y36RVC2-M3)		80	X-4387-214-1	PERMALLOY ASSY, CORRECTION	
65	1-452-896-11	COIL, NA ROTATION (RT200)		81	3-701-007-00	BAND, BINDING	
66	Δ 8-453-007-31	NECK ASSY, NA324-M3					

SECTION 7 ELECTRICAL PARTS LIST

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J2 BOARD VARIANT Parts List :	Parts that belong only to the model specified
Model	
<u>KV-36FS76B</u>	88
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A BOARD VARIANT Parts List :	Parts that belong only to the model specified
Model	
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<u>KV-36FS76E</u>	104
<u>KV-36FS76U</u>	104
VM BOARD COMPLETE Parts List :	105
MISCELLANEOUS :	106
ACCESSORIES AND PACKAGING MATERIALS :	106
REMOTE COMMANDER :	106

Note : Refer to the designated variant parts list when seeking a part indicated by an asterisk (*)
Parts indicated (XX) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
* A-1300-285-A D1 Board, Complete				C8804	1-115-416-11	CERAMIC CHIP 0.001UF	5.00% 25V
	* 3-646-071-02	HOLDER, WIRE		C8809	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
	4-382-854-01	SCREW (M3X8), P, SW (+)		C8810	1-126-947-11	ELECT 47UF	20.00% 35V
	< CAPACITOR >			C8811	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8100	1-126-960-11	ELECT 1UF	20.00% 50V	C8812	1-126-960-11	ELECT 1UF	20.00% 50V
C8101	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C8815	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8102	1-102-030-00	CERAMIC 330PF	10.00% 500V	C8817	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8104	1-106-383-00	MYLAR 0.047UF	10.00% 200V	C8820	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V
C8105	1-126-960-11	ELECT 1UF	20.00% 50V	C8821	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C8106	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	C8822	1-136-479-11	FILM 0.001UF	5.00% 100V
C8107	1-102-030-00	CERAMIC 330PF	10.00% 500V	C8823	1-162-964-11	CERAMIC CHIP 0.001UF	5.00% 50V
C8109	1-106-383-00	MYLAR 0.047UF	10.00% 200V	C8824	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C8110	1-107-444-11	CERAMIC 100PF	5.00% 2KV	C8825	1-126-960-11	ELECT 1UF	20.00% 50V
C8111	1-162-134-11	CERAMIC 470PF	10.00% 2KV	< CONNECTOR >			
C8112	1-117-843-31	FILM 13000PF	3.00% 1.5KV	CN8500	* 1-764-333-11	PIN CONNECTOR (PCB) (V-TYPE) 10P	
C8113	1-117-838-31	FILM 8200PF	3.00% 1.5KV	CN8601	* 1-564-506-11	PLUG, CONNECTOR 3P	
C8114	1-125-893-11	FILM 680PF	3.00% 1.5KV	CN8611	* 1-785-270-12	PIN, DY CONNECTOR (PC BOARD)	
C8115	1-125-893-11	FILM 680PF	3.00% 1.5KV	CN8612	* 1-564-511-11	PLUG, CONNECTOR 8P	
C8116	1-127-681-11	FILM 10000PF	2% 100V	CN8614	* 1-564-508-11	PLUG, CONNECTOR 5P	
C8117	1-109-844-11	FILM 0.68UF	5.00% 400V	CN8615	* 1-564-509-11	PLUG, CONNECTOR 6P	
C8118	1-107-846-11	FILM 0.1UF	5.00% 400V	CN8616	* 1-564-510-11	PLUG, CONNECTOR 7P	
C8119	1-117-665-11	FILM 0.33UF	5.00% 250V	< DIODE >			
C8120	1-117-664-11	FILM 0.27UF	5.00% 250V	D8100	8-719-991-33	DIODE 1SS133T-77	
C8121	1-107-846-11	FILM 0.1UF	5.00% 400V	D8101	8-719-110-41	DIODE RD15ESB2	
C8200	1-123-024-21	ELECT 33UF	160V	D8102	8-719-110-41	DIODE RD15ESB2	
C8201	1-107-656-11	ELECT 100UF	20.00% 250V	D8201	8-719-302-43	DIODE EL1Z	
C8202	1-102-228-00	CERAMIC 470PF	10.00% 500V	D8202	8-719-302-43	DIODE EL1Z	
C8203	1-102-228-00	CERAMIC 470PF	10.00% 500V	D8203	8-719-510-73	DIODE S3L20UF4	
C8204	1-102-228-00	CERAMIC 470PF	10.00% 500V	D8204	8-719-510-73	DIODE S3L20UF4	
C8205	1-126-941-11	ELECT 470UF	20.00% 25V	D8205	8-719-988-61	DIODE 1SS355TE-17	
C8206	1-126-941-11	ELECT 470UF	20.00% 25V	D8206	8-719-988-61	DIODE 1SS355TE-17	
C8208	1-104-665-11	ELECT 100UF	20.00% 25V	D8309	8-719-988-61	DIODE 1SS355TE-17	
C8209	1-104-665-11	ELECT 100UF	20.00% 25V	D8311	8-719-988-61	DIODE 1SS355TE-17	
C8304	1-104-666-11	ELECT 220UF	20.00% 25V	D8312	8-719-988-61	DIODE 1SS355TE-17	
C8305	1-164-156-11	CERAMIC CHIP 0.1UF	25V	D8313	8-719-988-61	DIODE 1SS355TE-17	
C8313	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D8401	8-719-110-41	DIODE RD15ESB2	
C8314	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	D8402	8-719-991-33	DIODE 1SS133T-77	
C8402	1-130-959-91	FILM 0.047UF	5.00% 400V	D8603	8-719-991-33	DIODE 1SS133T-77	
C8403	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	D8604	8-719-991-33	DIODE 1SS133T-77	
C8404	1-136-177-00	FILM 1UF	5.00% 50V	D8802	8-719-988-61	DIODE 1SS355TE-17	
C8501	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D8804	8-719-988-61	DIODE 1SS355TE-17	
C8502	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D8805	8-719-988-61	DIODE 1SS355TE-17	
C8503	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D8807	8-719-988-61	DIODE 1SS355TE-17	
C8504	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	< IC >			
C8506	1-126-947-11	ELECT 47UF	20.00% 35V	IC8501	8-759-998-98	IC LM358D	
C8607	1-126-964-11	ELECT 10UF	20.00% 50V	IC8801	6-701-847-01	IC UPC1898CT-A	
C8802	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V				
C8803	1-164-315-11	CERAMIC CHIP 470PF	5.00% 50V				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

D1

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< COIL >				R8103	1-260-340-11	CARBON	10K 5% 1/2W
L8101	1-419-482-11	INDUCTOR	1.5MH	R8104	1-215-920-11	METAL OXIDE	3.3K 5% 3W
L8201	1-535-303-00	LEAD, JUMPER (5.0MM)		R8105	1-215-920-11	METAL OXIDE	3.3K 5% 3W
L8202	1-535-303-00	LEAD, JUMPER (5.0MM)		R8107	1-249-419-11	CARBON	1.5K 5% 1/4W
L8203	1-535-303-00	LEAD, JUMPER (5.0MM)		R8108	1-260-340-11	CARBON	10K 5% 1/2W
L8401	1-406-987-11	INDUCTOR	4.7MH	R8109	1-216-361-21	METAL OXIDE	0.22 5% 2W
< PROTECTOR MODULE >				R8110	1-215-880-00	METAL OXIDE	10 5% 2W
PS8401 Δ	1-532-841-21	LINK, IC	1.6A PRF 1600	R8111	1-216-361-21	METAL OXIDE	0.22 5% 2W
< TRANSISTOR >				R8112	1-215-880-00	METAL OXIDE	10 5% 2W
Q8010	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8113	1-216-853-11	RES-CHIP	470K 5% 1/10W
Q8011	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8114	1-216-845-11	RES-CHIP	100K 5% 1/10W
Q8014	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8115	1-215-493-00	METAL	1M 1% 1/4W
Q8015	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8116	1-215-485-00	METAL	470K 1% 1/4W
Q8100	8-729-048-47	TRANSISTOR 2SC2688(5)-LK		R8117	1-215-493-00	METAL	1M 1% 1/4W
Q8101	8-729-048-47	TRANSISTOR 2SC2688(5)-LK		R8118	1-249-401-11	CARBON	47 5% 1/4W
Q8102	6-550-125-01	TRANSISTOR 2SC5698-CA		R8119	1-247-807-31	CARBON	100 5% 1/4W
Q8103	8-729-056-17	TRANSISTOR 2SC5696-SONY-CA		R8120	1-249-425-11	CARBON	4.7K 5% 1/4W
Q8105	8-729-025-19	TRANSISTOR IRFI740G		R8121	1-249-425-11	CARBON	4.7K 5% 1/4W
Q8106	8-729-025-19	TRANSISTOR IRFI740G		R8201	1-260-123-11	CARBON	100K 5% 1/2W
Q8201	8-729-019-57	TRANSISTOR 2SA1208S-TP		R8202	1-212-934-00	FUSIBLE	1 5% 1/2W
Q8308	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8206	1-260-288-11	CARBON	0.47 5% 1/2W
Q8401	8-729-025-19	TRANSISTOR IRFI740G		R8207	1-260-288-11	CARBON	0.47 5% 1/2W
Q8405	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8213	1-216-371-00	METAL OXIDE	1.5 5% 2W
Q8406	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8214	1-216-364-21	METAL OXIDE	0.39 5% 2W
Q8501	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8215	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
Q8502	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8216	1-215-459-00	METAL	39K 1% 1/4W
Q8503	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8217	1-215-459-00	METAL	39K 1% 1/4W
Q8504	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8218	1-215-469-00	METAL	100K 1% 1/4W
Q8507	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8219	1-215-469-00	METAL	100K 1% 1/4W
Q8508	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8220	1-216-837-11	RES-CHIP	22K 5% 1/10W
Q8509	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8221	1-216-833-11	RES-CHIP	10K 5% 1/10W
Q8510	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8222	1-215-469-00	METAL	100K 1% 1/4W
Q8701	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8223	1-215-469-00	METAL	100K 1% 1/4W
Q8801	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8308	1-216-841-11	RES-CHIP	47K 5% 1/10W
Q8802	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8309	1-216-841-11	RES-CHIP	47K 5% 1/10W
Q8806	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8317	1-215-473-00	METAL	150K 1% 1/4W
Q8807	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R8318	1-215-461-00	METAL	47K 1% 1/4W
Q8808	1-801-806-11	TRANSISTOR DTC144EKA		R8319	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
Q8809	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8320	1-216-833-11	RES-CHIP	10K 5% 1/10W
Q8810	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R8321	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
< RESISTOR >				R8327	1-218-883-11	METAL CHIP	33K 0.5% 1/10W
R8028	1-249-411-11	CARBON	330 5% 1/4W	R8331	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R8033	1-249-411-11	CARBON	330 5% 1/4W	R8332	1-216-833-11	RES-CHIP	10K 5% 1/10W
R8100	1-216-460-21	METAL OXIDE	3.9K 5% 2W	R8333	1-216-845-11	RES-CHIP	100K 5% 1/10W
R8101	1-215-895-11	METAL OXIDE	3.3K 5% 2W	R8334	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R8102	1-249-419-11	CARBON	1.5K 5% 1/4W	R8335	1-218-865-11	METAL CHIP	5.6K 0.5% 1/10W
				R8336	1-215-469-00	METAL	100K 1% 1/4W
				R8363	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
				R8364	1-218-861-11	METAL CHIP	3.9K 0.5% 1/10W
				R8404	1-216-805-11	RES-CHIP	47 5% 1/10W

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REF.NO.	PART.NO	DESCRIPTION	REMARK
R8501	1-218-895-11	METAL CHIP 100K 0.5%	1/10W
R8503	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8504	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8505	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8506	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8508	1-216-864-11	SHORT CHIP 0	
R8509	1-216-864-11	SHORT CHIP 0	
R8510	1-216-821-11	RES-CHIP 1K 5%	1/10W
R8512	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8513	1-216-821-11	RES-CHIP 1K 5%	1/10W
R8514	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8515	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8516	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8517	1-216-821-11	RES-CHIP 1K 5%	1/10W
R8518	1-218-895-11	METAL CHIP 100K 0.5%	1/10W
R8606	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8607	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8608	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8609	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8701	1-215-469-00	METAL 100K 1%	1/4W
R8702	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8703	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
R8802	1-216-864-11	SHORT CHIP 0	
R8803	1-218-887-11	METAL CHIP 47K 0.5%	1/10W
R8804	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8805	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8810	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8811	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8812	1-216-864-11	SHORT CHIP 0	
R8813	1-216-864-11	SHORT CHIP 0	
R8814	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
R8815	1-218-871-91	RES-CHIP 10K 0.5%	1/10W
R8822	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8824	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8829	1-216-809-11	RES-CHIP 100 5%	1/10W
R8831	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R8832	1-218-871-11	METAL CHIP 10K 0.5%	1/10W
R8833	1-218-879-11	METAL CHIP 22K 0.5%	1/10W
R8834	1-215-469-00	METAL 100K 1%	1/4W
R8835	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8836	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8837	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8842	1-218-869-11	METAL CHIP 8.2K 0.5%	1/10W
R8843	1-216-815-11	RES-CHIP 330 5%	1/10W
R8844	1-215-469-00	METAL 100K 1%	1/4W
R8845	1-215-469-00	METAL 100K 1%	1/4W
R8848	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8849	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8851	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8853	1-216-857-11	RES-CHIP 1M 5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R8854	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8855	1-216-864-11	SHORT CHIP 0	
R8856	1-216-837-11	RES-CHIP 22K 5%	1/10W
R8857	1-216-841-11	RES-CHIP 47K 5%	1/10W
R8858	1-216-845-11	RES-CHIP 100K 5%	1/10W
R8859	1-218-833-91	RES-CHIP 270 0.5%	1/10W
R8860	1-218-881-11	METAL CHIP 27K 0.5%	1/10W
R8861	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
R8862	1-216-833-11	RES-CHIP 10K 5%	1/10W
R8863	1-216-864-11	SHORT CHIP 0	
< TRANSFORMER >			
T8100	1-433-489-31	TRANSFORMER, FERRITE (HDT)	
T8101	1-433-489-31	TRANSFORMER, FERRITE (HDT)	
T8202	1-437-614-11	TRANSFORMER, HORIZONTAL OUTPUT	
T8805	1-429-741-11	TRANSFORMER, DRIVE	

*** A-1300-549-A G Board, Complete**

4-382-854-01 SCREW (M3X8), P, SW (+)
4-382-854-01 SCREW (M3X8), P, SW (+)

< CAPACITOR >

C6001 Δ	1-137-999-11	FILM 0.1UF	275V
C6002 Δ	1-137-999-11	FILM 0.1UF	275V
C6003 Δ	1-119-899-51	CERAMIC 1000PF	10.00% 250V
C6004 Δ	1-119-899-51	CERAMIC 1000PF	10.00% 250V
C6006	1-117-753-11	ELECT (BLOCK) 470UF	20.00% 450V
C6007	1-126-964-11	ELECT 10UF	20.00% 50V
C6008	1-126-963-11	ELECT 4.7UF	20.00% 50V
C6010	1-136-165-00	FILM 0.1UF	5.00% 50V
C6011	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C6012 Δ	1-161-830-00	CERAMIC 0.0047UF	500V
C6013 Δ	1-161-830-00	CERAMIC 0.0047UF	500V
C6014	1-113-610-11	ELECT (BLOCK) 220UF	20.00% 250V
C6015	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C6016	1-161-830-00	CERAMIC 0.0047UF	500V
C6017	1-161-830-00	CERAMIC 0.0047UF	500V
C6018	1-126-949-11	ELECT 220UF	20.00% 35V
C6020	1-135-946-21	FILM 47000PF	3% 800V
C6021	1-164-645-11	CERAMIC 1000PF	10.00% 500V
C6022	1-126-963-11	ELECT 4.7UF	20.00% 50V
C6023	1-110-626-11	ELECT 330UF	20.00% 160V
C6024	1-164-625-11	CERAMIC 680PF	10.00% 500V
C6025	1-164-625-11	CERAMIC 680PF	10.00% 500V
C6026	1-164-625-11	CERAMIC 680PF	10.00% 500V
C6027	1-164-625-11	CERAMIC 680PF	10.00% 500V
C6028	1-100-197-11	ELECT 15000UF	20% 16V
C6029	1-100-197-11	ELECT 15000UF	20% 16V
C6030	1-126-944-11	ELECT 3300UF	20.00% 25V
C6031	1-126-944-11	ELECT 3300UF	20.00% 25V

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

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REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C6032	Δ 1-113-927-11	CERAMIC 0.01UF	250V	FB6002	1-410-397-21	FERRITE	1.1UH
C6033	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	FB6003	1-410-397-21	FERRITE	1.1UH
C6035	1-136-165-00	FILM 0.1UF	5.00% 50V	FB6004	1-410-397-21	FERRITE	1.1UH
C6036	1-136-479-11	FILM 0.001UF	5.00% 100V	< IC >			
C6037	1-126-947-11	ELECT 47UF	20.00% 35V	IC6001	8-759-670-30	IC MCZ3001D	
C6038	1-164-645-11	CERAMIC 1000PF	10.00% 500V	IC6003	8-749-016-19	IC SE135N-LF4	
C6039	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	< COIL >			
C6040	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	L6001	1-406-663-21	INDUCTOR 47UH	
C6045	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V	L6002	1-412-521-31	INDUCTOR 4.7UH	
C6102	1-126-943-11	ELECT 2200UF	20.00% 25V	L6003	1-412-521-31	INDUCTOR 4.7UH	
C6103	1-126-971-11	ELECT 470UF	20.00% 50V	L6004	1-535-143-61	LEAD, JUMPER (5.0MM)	
C6105	1-126-964-11	ELECT 10UF	20.00% 50V	L6005	1-535-143-61	LEAD, JUMPER (5.0MM)	
C6106	1-126-964-11	ELECT 10UF	20.00% 50V	< PHOTOCOUPLER >			
< CONNECTOR >				L6006	1-406-659-11	INDUCTOR 10UH	
CN6001	Δ * 1-691-291-11	PIN, CONNECTOR (PC BOARD) 5P		L6007	1-412-525-31	INDUCTOR 10UH	
CN6002	Δ * 1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P		L6008	1-406-670-11	INDUCTOR 680UH	
CN6003	Δ * 1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		< TRANSISTOR >			
CN6004	Δ * 1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P		Q6003	8-729-010-29	TRANSISTOR MSD601-RST1	
CN6005	* 1-564-509-11	PLUG, CONNECTOR 6P		Q6006	6-550-146-01	TRANSISTOR SPA07N60C2-E8152	
CN6006	* 1-564-516-11	PLUG, CONNECTOR 13P		Q6007	6-550-146-01	TRANSISTOR SPA07N60C2-E8152	
CN6008	* 1-564-508-11	PLUG, CONNECTOR 5P		Q6101	8-729-029-56	TRANSISTOR DTA144ESA	
CN6010	* 1-564-511-11	PLUG, CONNECTOR 8P		Q6102	8-729-010-29	TRANSISTOR MSD601-RST1	
CN6014	1-695-915-11	TAB (CONTACT)		Q6103	8-729-029-56	TRANSISTOR DTA144ESA	
CN6015	1-695-915-11	TAB (CONTACT)		Q6104	8-729-010-29	TRANSISTOR MSD601-RST1	
< DIODE >				Q6105	8-729-010-29	TRANSISTOR MSD601-RST1	
D6001	6-500-067-01	DIODE GSIB460L/45		< RESISTOR >			
D6002	8-719-982-26	DIODE MTZJ-33B		JR6002	1-216-295-91	SHORT CHIP 0	
D6004	8-719-979-64	DIODE UF4005PKG23		JR6004	1-216-295-91	SHORT CHIP 0	
D6008	8-719-063-70	DIODE DINL20U		R6003	Δ 1-202-933-61	FUSIBLE 0.1 10% 1/2W	
D6009	8-719-110-41	DIODE RD15ESB2		R6004	Δ 1-205-998-11	CEMENTED 1 5% 10W	
D6010	8-719-085-24	DIODE FBIU4D7M1-B		R6005	Δ 1-205-998-11	CEMENTED 1 5% 10W	
D6011	8-719-033-12	DIODE S3L40F		R6006	Δ 1-205-998-11	CEMENTED 1 5% 10W	
D6012	8-719-033-12	DIODE S3L40F		R6007	1-243-979-21	METAL OXIDE 0.1 5% 2W	
D6014	8-719-083-92	DIODE YG802C09RF122		R6008	1-243-979-21	METAL OXIDE 0.1 5% 2W	
D6015	8-719-085-10	DIODE FMB-24LF654		R6009	1-208-810-11	METAL CHIP 15K 0.5% 1/10W	
D6016	8-719-312-47	DIODE RBA-406B		R6010	1-215-481-00	METAL 330K 1% 1/4W	
D6035	8-719-510-02	DIODE D1NS4		R6013	Δ 1-218-265-11	METAL 8.2M 5% 1W	
D6036	8-719-081-97	DIODE MMDL914T1		R6014	1-215-926-00	METAL OXIDE 33K 5% 3W	
D6101	8-719-081-97	DIODE MMDL914T1		R6015	1-208-757-11	METAL CHIP 91 0.5% 1/10W	
D6102	8-719-511-40	DIODE S1VB40		R6021	1-216-362-11	METAL OXIDE 0.27 5% 2W	
D6103	8-719-081-97	DIODE MMDL914T1		R6022	1-216-833-11	RES-CHIP 10K 5% 1/10W	
D6104	8-719-081-97	DIODE MMDL914T1		R6024	1-216-615-11	METAL CHIP 33 0.5% 1/10W	
D6105	8-719-081-97	DIODE MMDL914T1		R6028	1-249-389-11	CARBON 4.7 5% 1/4W	
D6106	8-719-081-97	DIODE MMDL914T1					
D6107	8-719-081-97	DIODE MMDL914T1					
< FERRITE BEAD >							
FB6001	1-410-397-21	FERRITE	1.1UH				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

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B5

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R6029	1-216-833-11	RES-CHIP 10K 5%	1/10W	C3106	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6030	1-216-817-11	RES-CHIP 470 5%	1/10W	C3107	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6032	1-249-417-11	CARBON 1K 5%	1/4W	C3108	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6033	1-215-481-00	METAL 330K 1%	1/4W	C3109	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6035	1-260-083-11	CARBON 47 5%	1/2W	C3110	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6036	1-216-817-11	RES-CHIP 470 5%	1/10W	C3111	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6037	1-249-405-11	CARBON 100 5%	1/4W	C3112	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
R6038	1-208-830-11	METAL CHIP 100K 0.5%	1/10W	C3113	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6039	1-208-830-11	METAL CHIP 100K 0.5%	1/10W	C3114	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6040	1-208-814-91	METAL CHIP 22K 0.5%	1/10W	C3115	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6042	1-216-295-91	SHORT CHIP 0		C3116	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6045	1-216-639-11	METAL CHIP 330 0.5%	1/10W	C3117	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6047	1-208-842-11	METAL CHIP 330K 0.5%	1/10W	C3118	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6048	1-215-481-00	METAL 330K 1%	1/4W	C3119	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6049	1-208-805-11	METAL CHIP 9.1K 0.5%	1/10W	C3120	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6050	1-208-758-11	METAL CHIP 100 0.5%	1/10W	C3121	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6054	1-216-615-11	METAL CHIP 33 0.5%	1/10W	C3122	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6056	1-216-295-91	SHORT CHIP 0		C3124	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
R6101	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3125	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6102	1-216-829-11	RES-CHIP 4.7K 5%	1/10W	C3126	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6103	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3127	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6104	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3128	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6105	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3129	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6106	1-216-829-11	RES-CHIP 4.7K 5%	1/10W	C3130	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6107	1-216-829-11	RES-CHIP 4.7K 5%	1/10W	C3131	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6108	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3132	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6109	1-216-829-11	RES-CHIP 4.7K 5%	1/10W	C3133	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
R6110	1-216-821-11	RES-CHIP 1K 5%	1/10W	C3134	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< RELAY >				C3135	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
RY6001 Δ	1-755-395-11	RELAY (AC POWER)		C3136	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
RY6002 Δ	1-755-389-11	RELAY (AC POWER)		C3137	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< TRANSFORMER >				C3139	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
T6002 Δ	1-437-443-11	TRANSFORMER, CONVERTER (PIT)		C3140	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
T6003 Δ	1-424-896-11	TRANSFORMER, LINE FILTER		C3141	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
T6101 Δ	1-437-483-11	TRANSFORMER, STANDBY		C3142	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< THERMISTOR >				C3143	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
TH6002 Δ	1-804-650-11	THERMISTOR, POSITIVE		C3144	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
< CAPACITOR >				C3148	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3101	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C3149	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C3102	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3150	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3104	1-126-395-11	ELECT CHIP 22UF	20.00% 16V	C3151	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3105	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3152	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
				C3153	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
				C3154	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
				C3155	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
				C3156	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C3157	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C3159	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C3160	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C3161	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V

*** A-1300-576-A B5 Board, Complete**

4-087-203-01 PLASTIC RIVET

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3162	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4211	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3164	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4212	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3165	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4213	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3166	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4214	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3167	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4215	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3168	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4216	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3170	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4217	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3176	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4218	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3200	1-125-891-11	CERAMIC CHIP 0.47UF	10.00% 10V	C4219	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3201	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4220	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3202	1-126-601-11	ELECT CHIP 2.2UF	20.00% 50V	C4221	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3203	1-164-227-11	CERAMIC CHIP 0.022UF	10.00% 25V	C4222	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3204	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4223	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3205	1-115-156-11	CERAMIC CHIP 1UF	10V	C4224	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3206	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4225	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3207	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4226	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3208	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4227	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3209	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V	C4228	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3210	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4229	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3211	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4230	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3212	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4231	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3213	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4232	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3214	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4233	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3215	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4234	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3217	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4235	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3218	1-126-603-11	ELECT CHIP 4.7UF	20.00% 35V	C4236	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3219	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4237	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3220	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4238	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C3221	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4246	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3222	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4340	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3223	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4341	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3224	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4342	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3226	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4343	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3228	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4344	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3230	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4345	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3231	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4346	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3232	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4347	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3233	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4348	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3234	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4349	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C3237	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4350	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4201	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4351	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4202	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4352	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4203	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C4370	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C4204	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4371	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C4205	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4372	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C4206	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4426	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C4207	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4429	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4208	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4430	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4209	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C4431	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4210	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4432	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C4433	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C4617	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4434	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C4618	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4438	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4620	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C4442	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4621	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4443	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4622	1-162-916-11	CERAMIC CHIP 12PF	5.00% 50V
C4444	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4623	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4445	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4624	1-162-916-11	CERAMIC CHIP 12PF	5.00% 50V
C4446	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4625	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4447	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4626	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4448	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4627	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4450	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4628	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4451	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4629	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4452	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4630	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4453	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4631	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4454	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4632	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4463	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	C4633	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4464	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4634	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C4465	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4635	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4466	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4636	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V
C4467	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4637	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4468	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4700	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4469	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4701	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C4470	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4702	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C4471	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4800	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4472	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4801	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4473	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4802	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4474	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4803	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4475	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4804	1-126-603-11	ELECT CHIP 4.7UF	20.00% 35V
C4476	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4805	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4477	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4806	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4478	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4807	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C4479	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4909	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C4480	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C4910	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C4481	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	< CONNECTOR >			
C4482	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	CN4472	1-816-448-11	CONNECTOR, BOARD TO BOARD 50P	
C4483	1-126-204-11	ELECT CHIP 47UF	20.00% 16V	< DIODE >			
C4603	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D4400	8-719-083-58	DIODE UDZSTE-173.9B	
C4604	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	< FERRITE BEAD >			
C4605	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	FB4302	1-414-760-21	FERRITE 0UH	
C4606	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB4303	1-414-760-21	FERRITE 0UH	
C4607	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	FB4400	1-414-760-21	FERRITE 0UH	
C4608	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB4401	1-414-760-21	FERRITE 0UH	
C4609	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	FB4402	1-414-760-21	FERRITE 0UH	
C4610	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	FB4403	1-414-760-21	FERRITE 0UH	
C4611	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB4404	1-414-760-21	FERRITE 0UH	
C4612	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB4405	1-414-760-21	FERRITE 0UH	
C4613	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				
C4614	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				
C4615	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				
C4616	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
FB4600	1-414-760-21	FERRITE	OUH	IC3200	8-752-099-05	IC CXA2163AQ-T6	
FB4601	1-414-760-21	FERRITE	OUH	IC3201	8-759-485-79	IC TC7SET08FU(TE85L)	
< FILTER >				IC4201	6-701-120-01	IC W981616BH-7-EL10	
FL3100	1-233-877-11	FILTER, LOW PASS		IC4203	8-752-409-78	IC CXD2095AQ	
FL3101	1-234-177-21	FERRITE	OUH	IC4304	6-700-797-01	IC CXD9666Q	
FL3102	1-234-177-21	FERRITE	OUH	IC4401	6-702-070-01	IC CXD9665Q	
FL3103	1-233-877-11	FILTER, LOW PASS		IC4402	8-759-640-16	IC TC7SET04F(TE85R)	
FL3104	1-234-177-21	FERRITE	OUH	IC4403	8-759-640-16	IC TC7SET04F(TE85R)	
FL3105	1-233-877-11	FILTER, LOW PASS		IC4404	8-759-669-78	IC TLC2933IPWR-12	
FL3106	1-233-877-11	FILTER, LOW PASS		IC4600	8-759-672-57	IC CXD9509AQ	
FL3107	1-233-877-11	FILTER, LOW PASS		IC4602	8-759-677-37	IC MT48LC2M32B2TG-7	
FL3108	1-233-877-11	FILTER, LOW PASS		IC4800	8-759-525-10	IC TC7SET08F(TE85L)	
FL3109	1-234-177-21	FERRITE	OUH	IC4801	8-759-669-75	IC TLC2932IPWR	
FL3110	1-234-177-21	FERRITE	OUH	IC4802	8-759-525-10	IC TC7SET08F(TE85L)	
FL3200	1-234-177-21	FERRITE	OUH	IC4803	8-759-525-10	IC TC7SET08F(TE85L)	
FL3201	1-234-177-21	FERRITE	OUH	< COIL >			
FL3202	1-234-177-21	FERRITE	OUH	L3102	1-412-026-11	INDUCTOR	1UH
FL3203	1-234-177-21	FERRITE	OUH	L4300	1-469-525-91	INDUCTOR	10UH
FL3204	1-233-877-11	FILTER, LOW PASS		L4301	1-469-525-91	INDUCTOR	10UH
FL3205	1-233-504-21	FILTER, LOW PASS		L4400	1-469-525-91	INDUCTOR	10UH
FL3206	1-233-504-21	FILTER, LOW PASS		L4401	1-469-525-91	INDUCTOR	10UH
FL4200	1-234-177-21	FERRITE	OUH	L4402	1-412-026-11	INDUCTOR	1UH
FL4201	1-234-177-21	FERRITE	OUH	L4403	1-469-522-91	INDUCTOR	1UH
FL4202	1-234-177-21	FERRITE	OUH	L4404	1-469-522-91	INDUCTOR	1UH
FL4203	1-239-560-11	FILTER, CHIP EMI		L4405	1-469-522-91	INDUCTOR	1UH
FL4310	1-234-177-21	FERRITE	OUH	L4406	1-469-525-91	INDUCTOR	10UH
FL4405	1-234-177-21	FERRITE	OUH	L4408	1-469-522-91	INDUCTOR	1UH
FL4406	1-234-177-21	FERRITE	OUH	L4409	1-469-522-91	INDUCTOR	1UH
FL4407	1-234-177-21	FERRITE	OUH	L4410	1-469-522-91	INDUCTOR	1UH
FL4408	1-234-177-21	FERRITE	OUH	L4411	1-469-525-91	INDUCTOR	10UH
FL4409	1-234-177-21	FERRITE	OUH	L4412	1-412-026-11	INDUCTOR	1UH
FL4410	1-234-177-21	FERRITE	OUH	L4801	1-469-525-91	INDUCTOR	10UH
FL4411	1-234-177-21	FERRITE	OUH	L4802	1-469-525-91	INDUCTOR	10UH
FL4412	1-234-177-21	FERRITE	OUH	< TRANSISTOR >			
FL4600	1-234-177-21	FERRITE	OUH	Q3100	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4601	1-234-177-21	FERRITE	OUH	Q3102	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4602	1-234-177-21	FERRITE	OUH	Q3104	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
FL4603	1-234-177-21	FERRITE	OUH	Q3106	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4604	1-234-177-21	FERRITE	OUH	Q3107	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
FL4606	1-234-177-21	FERRITE	OUH	Q3108	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4607	1-234-177-21	FERRITE	OUH	Q3109	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
FL4902	1-234-113-21	FILTER, LOW PASS		Q3110	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4903	1-234-112-21	FILTER, LOW PASS		Q3111	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
FL4904	1-234-112-21	FILTER, LOW PASS		Q3112	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
FL4905	1-239-558-11	FILTER, CHIP EMI		Q3113	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
< IC >				Q3114	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
IC3100	8-752-413-28	IC CXD2096Q		Q3116	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	
				Q3117	8-729-422-33	TRANSISTOR 2SD601A-Q-TX	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
Q3118	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3119	1-216-815-11	RES-CHIP 330 5%	1/10W
Q3119	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3120	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W
Q3120	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3121	1-216-864-11	SHORT CHIP 0	
Q3122	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3122	1-216-864-11	SHORT CHIP 0	
Q3200	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3123	1-216-864-11	SHORT CHIP 0	
Q3201	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3124	1-216-864-11	SHORT CHIP 0	
Q3202	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3125	1-216-864-11	SHORT CHIP 0	
Q3203	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3126	1-216-864-11	SHORT CHIP 0	
Q3204	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3127	1-216-864-11	SHORT CHIP 0	
Q3205	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3128	1-216-818-11	RES-CHIP 560 5%	1/10W
Q3206	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3129	1-216-864-11	SHORT CHIP 0	
Q3207	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3130	1-216-818-11	RES-CHIP 560 5%	1/10W
Q3208	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3131	1-216-809-11	RES-CHIP 100 5%	1/10W
Q3209	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3132	1-216-815-11	RES-CHIP 330 5%	1/10W
Q3210	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3133	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W
Q3211	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3134	1-216-818-11	RES-CHIP 560 5%	1/10W
Q3212	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3135	1-216-818-11	RES-CHIP 560 5%	1/10W
Q4300	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3136	1-216-815-11	RES-CHIP 330 5%	1/10W
Q4301	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3137	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W
Q4302	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3138	1-216-813-11	RES-CHIP 220 5%	1/10W
Q4401	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R3139	1-216-864-11	SHORT CHIP 0	
Q4402	8-729-028-28	TRANSISTOR 2SK2036(TE85L)		R3140	1-216-813-11	RES-CHIP 220 5%	1/10W
Q4405	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3141	1-216-813-11	RES-CHIP 220 5%	1/10W
Q4406	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3142	1-216-818-11	RES-CHIP 560 5%	1/10W
Q4407	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3143	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q4408	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3144	1-218-835-11	METAL CHIP 330 0.5%	1/10W
Q4413	1-801-806-11	TRANSISTOR DTC144EKA		R3145	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q4600	8-729-422-33	TRANSISTOR 2SD601A-Q-TX		R3146	1-218-843-11	METAL CHIP 680 0.5%	1/10W
Q4903	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3147	1-218-847-11	METAL CHIP 1K 0.5%	1/10W
Q4904	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3148	1-216-864-11	SHORT CHIP 0	
Q4905	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R3149	1-216-818-11	RES-CHIP 560 5%	1/10W
< RESISTOR >				R3150	1-216-815-11	RES-CHIP 330 5%	1/10W
R3100	1-216-864-11	SHORT CHIP 0		R3151	1-216-815-11	RES-CHIP 330 5%	1/10W
R3101	1-216-864-11	SHORT CHIP 0		R3152	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W
R3102	1-216-813-11	RES-CHIP 220 5%	1/10W	R3153	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W
R3103	1-216-813-11	RES-CHIP 220 5%	1/10W	R3154	1-216-818-11	RES-CHIP 560 5%	1/10W
R3104	1-216-815-11	RES-CHIP 330 5%	1/10W	R3155	1-216-818-11	RES-CHIP 560 5%	1/10W
R3105	1-218-843-11	METAL CHIP 680 0.5%	1/10W	R3156	1-216-818-11	RES-CHIP 560 5%	1/10W
R3106	1-218-847-11	METAL CHIP 1K 0.5%	1/10W	R3157	1-216-818-11	RES-CHIP 560 5%	1/10W
R3107	1-216-864-11	SHORT CHIP 0		R3160	1-216-864-11	SHORT CHIP 0	
R3108	1-218-843-11	METAL CHIP 680 0.5%	1/10W	R3162	1-216-864-11	SHORT CHIP 0	
R3109	1-218-847-11	METAL CHIP 1K 0.5%	1/10W	R3164	1-216-864-11	SHORT CHIP 0	
R3110	1-216-864-11	SHORT CHIP 0		R3166	1-216-864-11	SHORT CHIP 0	
R3111	1-218-865-11	METAL CHIP 5.6K 0.5%	1/10W	R3168	1-216-864-11	SHORT CHIP 0	
R3112	1-216-818-11	RES-CHIP 560 5%	1/10W	R3174	1-216-841-11	RES-CHIP 47K 5%	1/10W
R3113	1-216-818-11	RES-CHIP 560 5%	1/10W	R3175	1-216-841-11	RES-CHIP 47K 5%	1/10W
R3114	1-216-864-11	SHORT CHIP 0		R3186	1-216-841-11	RES CHIP 47K 5%	1/10W
R3115	1-216-864-11	SHORT CHIP 0		R3187	1-216-841-11	RES CHIP 47K 5%	1/10W
				R3192	1-216-841-11	RES CHIP 47K 5%	1/10W
				R3193	1-216-841-11	RES CHIP 47K 5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R3198	1-216-841-11	RES CHIP	47K	5%	1/10W	R3268	1-216-821-11	RES-CHIP	1K	5%	1/10W
R3199	1-216-841-11	RES CHIP	47K	5%	1/10W	R3269	1-216-821-11	RES-CHIP	1K	5%	1/10W
R3200	1-216-864-11	SHORT CHIP	0			R3272	1-216-818-11	RES-CHIP	560	5%	1/10W
R3201	1-216-864-11	SHORT CHIP	0			R3273	1-216-818-11	RES-CHIP	560	5%	1/10W
R3202	1-216-838-11	RES-CHIP	27K	5%	1/10W	R3275	1-216-818-11	RES-CHIP	560	5%	1/10W
R3203	1-220-397-11	RES-CHIP	4.7M	5%	1/10W	R3277	1-216-821-11	RES-CHIP	1K	5%	1/10W
R3204	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W	R3278	1-216-821-11	RES-CHIP	1K	5%	1/10W
R3205	1-216-841-11	RES-CHIP	47K	5%	1/10W	R3279	1-216-815-11	RES-CHIP	330	5%	1/10W
R3206	1-216-821-11	RES-CHIP	1K	5%	1/10W	R3280	1-216-813-11	RES-CHIP	220	5%	1/10W
R3207	1-216-809-11	RES-CHIP	100	5%	1/10W	R3282	1-216-813-11	RES-CHIP	220	5%	1/10W
R3208	1-216-805-11	RES-CHIP	47	5%	1/10W	R3283	1-216-809-11	RES-CHIP	100	5%	1/10W
R3209	1-216-864-11	SHORT CHIP	0			R3284	1-216-809-11	RES-CHIP	100	5%	1/10W
R3210	1-216-864-11	SHORT CHIP	0			R3285	1-216-801-11	RES-CHIP	22	5%	1/10W
R3211	1-216-805-11	RES-CHIP	47	5%	1/10W	R3287	1-216-864-11	SHORT CHIP	0		
R3212	1-216-809-11	RES-CHIP	100	5%	1/10W	R3288	1-216-841-11	RES-CHIP	47K	5%	1/10W
R3213	1-216-809-11	RES-CHIP	100	5%	1/10W	R3289	1-216-841-11	RES-CHIP	47K	5%	1/10W
R3214	1-216-864-11	SHORT CHIP	0			R3292	1-216-864-11	SHORT CHIP	0		
R3217	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4200	1-216-805-11	RES-CHIP	47	5%	1/10W
R3218	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4201	1-216-801-11	RES-CHIP	22	5%	1/10W
R3219	1-216-809-11	RES-CHIP	100	5%	1/10W	R4209	1-216-864-11	SHORT CHIP	0		
R3223	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4211	1-216-801-11	RES-CHIP	22	5%	1/10W
R3224	1-216-817-11	RES-CHIP	470	5%	1/10W	R4212	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3225	1-216-817-11	RES-CHIP	470	5%	1/10W	R4213	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3226	1-216-817-11	RES-CHIP	470	5%	1/10W	R4214	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3227	1-216-817-11	RES-CHIP	470	5%	1/10W	R4215	1-216-864-11	SHORT CHIP	0		
R3228	1-216-864-11	SHORT CHIP	0			R4216	1-216-864-11	SHORT CHIP	0		
R3230	1-216-864-11	SHORT CHIP	0			R4219	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3232	1-216-864-11	SHORT CHIP	0			R4232	1-216-864-11	SHORT CHIP	0		
R3234	1-216-813-11	RES-CHIP	220	5%	1/10W	R4234	1-216-809-11	RES-CHIP	100	5%	1/10W
R3235	1-216-813-11	RES-CHIP	220	5%	1/10W	R4236	1-216-809-11	RES-CHIP	100	5%	1/10W
R3236	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R4237	1-216-809-11	RES-CHIP	100	5%	1/10W
R3237	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R4240	1-216-813-11	RES-CHIP	220	5%	1/10W
R3238	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	R4241	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W
R3239	1-216-817-11	RES-CHIP	470	5%	1/10W	R4242	1-216-813-11	RES-CHIP	220	5%	1/10W
R3240	1-216-817-11	RES-CHIP	470	5%	1/10W	R4243	1-216-813-11	RES-CHIP	220	5%	1/10W
R3241	1-216-817-11	RES-CHIP	470	5%	1/10W	R4244	1-216-805-11	RES-CHIP	47	5%	1/10W
R3242	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R4249	1-216-814-11	RES-CHIP	270	5%	1/10W
R3244	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R4250	1-218-842-11	METAL CHIP	620	0.5%	1/10W
R3251	1-216-825-11	RES-CHIP	2.2K	5%	1/10W	R4255	1-216-805-11	RES-CHIP	47	5%	1/10W
R3253	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	R4265	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3255	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R4267	1-216-864-11	SHORT CHIP	0		
R3256	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R4268	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3257	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4269	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3258	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4270	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3259	1-216-864-11	SHORT CHIP	0			R4271	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3260	1-216-864-11	SHORT CHIP	0			R4272	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3262	1-216-817-11	RES-CHIP	470	5%	1/10W	R4273	1-216-833-11	RES-CHIP	10K	5%	1/10W
R3263	1-216-817-11	RES-CHIP	470	5%	1/10W	R4277	1-216-864-11	SHORT CHIP	0		
R3264	1-216-817-11	RES-CHIP	470	5%	1/10W	R4310	1-216-801-11	RES-CHIP	22	5%	1/10W
R3267	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R4311	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R4312	1-216-864-11	SHORT CHIP	0			R4461	1-216-841-11	RES-CHIP	47K	5%	1/10W
R4313	1-216-864-11	SHORT CHIP	0			R4462	1-216-809-11	RES-CHIP	100	5%	1/10W
R4314	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W	R4463	1-216-809-11	RES-CHIP	100	5%	1/10W
R4315	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W	R4465	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4316	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4466	1-216-809-11	RES-CHIP	100	5%	1/10W
R4317	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4467	1-216-809-11	RES-CHIP	100	5%	1/10W
R4318	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4468	1-216-809-11	RES-CHIP	100	5%	1/10W
R4319	1-216-809-11	RES-CHIP	100	5%	1/10W	R4469	1-216-809-11	RES-CHIP	100	5%	1/10W
R4320	1-216-809-11	RES-CHIP	100	5%	1/10W	R4470	1-216-809-11	RES-CHIP	100	5%	1/10W
R4321	1-216-809-11	RES-CHIP	100	5%	1/10W	R4472	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4322	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4476	1-216-809-11	RES-CHIP	100	5%	1/10W
R4323	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4477	1-216-809-11	RES-CHIP	100	5%	1/10W
R4324	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4478	1-216-809-11	RES-CHIP	100	5%	1/10W
R4325	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4479	1-216-864-11	SHORT CHIP	0		
R4326	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4481	1-216-805-11	RES-CHIP	47	5%	1/10W
R4327	1-218-831-11	METAL CHIP	220	0.5%	1/10W	R4482	1-216-809-11	RES-CHIP	100	5%	1/10W
R4328	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	R4484	1-216-809-11	RES-CHIP	100	5%	1/10W
R4329	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R4485	1-216-809-11	RES-CHIP	100	5%	1/10W
R4330	1-216-809-11	RES-CHIP	100	5%	1/10W	R4486	1-216-864-11	SHORT CHIP	0		
R4331	1-216-809-11	RES-CHIP	100	5%	1/10W	R4487	1-216-864-11	SHORT CHIP	0		
R4332	1-216-809-11	RES-CHIP	100	5%	1/10W	R4489	1-216-821-11	RES-CHIP	1K	5%	1/10W
R4334	1-216-809-11	RES-CHIP	100	5%	1/10W	R4498	1-216-864-11	SHORT CHIP	0		
R4335	1-216-809-11	RES-CHIP	100	5%	1/10W	R4499	1-216-864-11	SHORT CHIP	0		
R4336	1-216-809-11	RES-CHIP	100	5%	1/10W	R4500	1-216-864-11	SHORT CHIP	0		
R4337	1-216-809-11	RES-CHIP	100	5%	1/10W	R4501	1-216-821-11	RES-CHIP	1K	5%	1/10W
R4338	1-216-807-11	RES-CHIP	68	5%	1/10W	R4502	1-216-805-11	RES-CHIP	47	5%	1/10W
R4423	1-216-825-11	RES-CHIP	2.2K	5%	1/10W	R4600	1-216-827-11	RES-CHIP	3.3K	5%	1/10W
R4424	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R4601	1-216-864-11	SHORT CHIP	0		
R4425	1-216-825-11	RES-CHIP	2.2K	5%	1/10W	R4602	1-216-825-11	RES-CHIP	2.2K	5%	1/10W
R4427	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R4603	1-216-864-11	SHORT CHIP	0		
R4429	1-216-864-11	SHORT CHIP	0			R4607	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4430	1-216-864-11	SHORT CHIP	0			R4608	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4431	1-216-864-11	SHORT CHIP	0			R4609	1-216-864-11	SHORT CHIP	0		
R4432	1-216-864-11	SHORT CHIP	0			R4610	1-216-864-11	SHORT CHIP	0		
R4433	1-216-864-11	SHORT CHIP	0			R4611	1-216-864-11	SHORT CHIP	0		
R4441	1-216-864-11	SHORT CHIP	0			R4612	1-216-864-11	SHORT CHIP	0		
R4442	1-216-853-11	RES-CHIP	470K	5%	1/10W	R4613	1-216-864-11	SHORT CHIP	0		
R4443	1-216-837-11	RES-CHIP	22K	5%	1/10W	R4626	1-216-801-11	RES-CHIP	22	5%	1/10W
R4444	1-216-813-11	RES-CHIP	220	5%	1/10W	R4628	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4445	1-216-815-11	RES-CHIP	330	5%	1/10W	R4629	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4446	1-216-813-11	RES-CHIP	220	5%	1/10W	R4630	1-218-833-11	METAL CHIP	270	0.5%	1/10W
R4447	1-216-809-11	RES-CHIP	100	5%	1/10W	R4632	1-216-864-11	SHORT CHIP	0		
R4448	1-216-821-11	RES-CHIP	1K	5%	1/10W	R4633	1-216-864-11	SHORT CHIP	0		
R4449	1-216-827-11	RES-CHIP	3.3K	5%	1/10W	R4634	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4451	1-216-827-11	RES-CHIP	3.3K	5%	1/10W	R4635	1-216-864-11	SHORT CHIP	0		
R4453	1-216-853-11	RES-CHIP	470K	5%	1/10W	R4636	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4456	1-216-841-11	RES-CHIP	47K	5%	1/10W	R4637	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4457	1-216-841-11	RES-CHIP	47K	5%	1/10W	R4638	1-216-833-11	RES-CHIP	10K	5%	1/10W
R4458	1-216-815-11	RES-CHIP	330	5%	1/10W	R4686	1-216-801-11	RES-CHIP	22	5%	1/10W
R4459	1-216-815-11	RES-CHIP	330	5%	1/10W	R4687	1-216-801-11	RES-CHIP	22	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R4689	1-216-801-11	RES-CHIP	22 5% 1/10W	RB4214	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4698	1-216-805-11	RES-CHIP	47 5% 1/10W	RB4310	1-233-813-11	RES, NETWORK	150 (3216)
R4701	1-218-825-11	METAL CHIP	120 0.5% 1/10W	RB4311	1-233-813-11	RES, NETWORK	150 (3216)
R4702	1-211-989-11	METAL CHIP	68 0.5% 1/10W	RB4312	1-233-813-11	RES, NETWORK	150 (3216)
R4703	1-211-969-11	METAL CHIP	10 0.5% 1/10W	RB4313	1-233-813-11	RES, NETWORK	150 (3216)
R4704	1-218-825-11	METAL CHIP	120 0.5% 1/10W	RB4314	1-233-813-11	RES, NETWORK	150 (3216)
R4705	1-211-990-11	METAL CHIP	75 0.5% 1/10W	RB4315	1-233-813-11	RES, NETWORK	150 (3216)
R4706	1-211-977-11	METAL CHIP	22 0.5% 1/10W	RB4600	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4707	1-218-825-11	METAL CHIP	120 0.5% 1/10W	RB4601	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4708	1-218-823-11	METAL CHIP	100 0.5% 1/10W	RB4602	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4709	1-211-973-11	METAL CHIP	15 0.5% 1/10W	RB4603	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4710	1-218-825-11	METAL CHIP	120 0.5% 1/10W	RB4604	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4711	1-211-990-11	METAL CHIP	75 0.5% 1/10W	RB4605	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4712	1-211-977-11	METAL CHIP	22 0.5% 1/10W	RB4612	1-233-576-11	RES, CHIP NETWORK	100
R4800	1-216-815-11	RES-CHIP	330 5% 1/10W	RB4613	1-233-576-11	RES, CHIP NETWORK	100
R4801	1-218-272-11	RES-CHIP	5.1K 5% 1/10W	RB4616	1-233-576-11	RES, CHIP NETWORK	100
R4802	1-216-801-11	RES-CHIP	22 5% 1/10W	RB4617	1-233-576-11	RES, CHIP NETWORK	100
R4803	1-216-820-11	RES-CHIP	820 5% 1/10W	RB4618	1-233-576-11	RES, CHIP NETWORK	100
R4804	1-216-821-11	RES-CHIP	1K 5% 1/10W	RB4619	1-233-576-11	RES, CHIP NETWORK	100
R4805	1-216-855-11	RES-CHIP	680K 5% 1/10W	RB4622	1-239-409-11	NETWORK RESISTOR (CHIP)	47
R4806	1-216-855-11	RES-CHIP	680K 5% 1/10W	RB4623	1-233-576-11	RES, CHIP NETWORK	100
R4807	1-216-864-11	SHORT CHIP	0	RB4624	1-233-576-11	RES, CHIP NETWORK	100
R4809	1-216-828-11	RES-CHIP	3.9K 5% 1/10W	< CRYSTAL >			
R4810	1-216-801-11	RES-CHIP	22 5% 1/10W	X3100	1-781-723-21	OSCILLATOR, CRYSTAL	
R4811	1-216-864-11	SHORT CHIP	0	X3200	1-781-914-21	VIBRATOR, CRYSTAL	
R4812	1-216-864-11	SHORT CHIP	0	X4601	1-795-112-21	VIBRATOR, CRYSTAL	
R4813	1-216-864-11	SHORT CHIP	0	* A-1300-651-A J2 Board, Complete (KV-36FS76B)			
R4816	1-216-864-11	SHORT CHIP	0	* A-1300-632-A J2 Board, Complete (KV-36FS76E)			
R4912	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W	* A-1300-676-A J2 Board, Complete (KV-36FS76U)			
R4913	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W	J2 Board Common Parts			
R4914	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W	* 4-042-408-01 PIN, COATING LEAD			
R4915	1-216-821-11	RES-CHIP	1K 5% 1/10W	< CAPACITOR >			
R4916	1-216-821-11	RES-CHIP	1K 5% 1/10W	C2300	1-107-715-11	ELECT	22UF 20.00% 50V
R4917	1-216-821-11	RES-CHIP	1K 5% 1/10W	C2301	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V
< RESISTOR CHIP >				C2302	1-162-964-11	CERAMIC CHIP	0.001UF 10.00% 50V
RB4200	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2303	1-104-665-11	ELECT	100UF 20.00% 25V
RB4201	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2304	1-104-665-11	ELECT	100UF 20.00% 25V
RB4202	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2305	1-126-941-11	ELECT	470UF 20.00% 25V
RB4203	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2306	1-104-665-11	ELECT	100UF 20.00% 25V
RB4204	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2307	1-104-665-11	ELECT	100UF 20.00% 25V
RB4205	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2308	1-107-826-11	CERAMIC CHIP	0.1UF 10.00% 16V
RB4206	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2600	1-162-968-11	CERAMIC CHIP	0.0047UF 10.00% 50V
RB4207	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2601	1-162-927-11	CERAMIC CHIP	100PF 5.00% 50V
RB4208	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2602	1-164-346-11	CERAMIC CHIP	1UF 16V
RB4209	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2603	1-162-968-11	CERAMIC CHIP	0.0047UF 10.00% 50V
RB4210	1-239-409-11	NETWORK RESISTOR (CHIP)	47	C2604	1-162-927-11	CERAMIC CHIP	100PF 5.00% 50V
RB4211	1-239-409-11	NETWORK RESISTOR (CHIP)	47				
RB4212	1-239-409-11	NETWORK RESISTOR (CHIP)	47				
RB4213	1-239-409-11	NETWORK RESISTOR (CHIP)	47				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C2605	1-164-346-11	CERAMIC CHIP 1UF	16V	C3315	1-126-964-11	ELECT 10UF	20.00% 50V
C2625	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C3317	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2626	1-126-947-11	ELECT 47UF	20.00% 35V	C3318	1-165-908-91	CERAMIC CHIP 1UF	10% 10V
C2627	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3319	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2628	1-164-346-11	CERAMIC CHIP 1UF	16V	C3320	1-165-908-91	CERAMIC CHIP 1UF	10% 10V
C2629	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C3321	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2630	1-126-947-11	ELECT 47UF	20.00% 35V	C3322	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V
C2631	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3323	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2632	1-164-346-11	CERAMIC CHIP 1UF	16V	C3324	1-162-915-11	CERAMIC CHIP 10PF	0.50PF 50V
C2650	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C3325	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C2651	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3327	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2652	1-126-947-11	ELECT 47UF	20.00% 35V	C3328	1-164-346-11	CERAMIC CHIP 1UF	16V
C2653	1-164-346-11	CERAMIC CHIP 1UF	16V	C3330	1-164-346-11	CERAMIC CHIP 1UF	16V
C2654	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C3331	1-164-346-11	CERAMIC CHIP 1UF	16V
C2655	1-126-947-11	ELECT 47UF	20.00% 35V	C3332	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2656	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3333	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2657	1-164-346-11	CERAMIC CHIP 1UF	16V	C3334	1-126-964-11	ELECT 10UF	20.00% 50V
C2675	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3335	1-126-947-11	ELECT 47UF	20.00% 35V
C2676	1-164-346-11	CERAMIC CHIP 1UF	16V	C3336	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2677	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3337	1-165-908-91	CERAMIC CHIP 1UF	10% 10V
C2678	1-164-346-11	CERAMIC CHIP 1UF	16V	C3338	1-164-346-11	CERAMIC CHIP 1UF	16V
C2700	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3339	1-164-346-11	CERAMIC CHIP 1UF	16V
C2701	1-164-346-11	CERAMIC CHIP 1UF	16V	C3340	1-104-665-11	ELECT 100UF	20.00% 25V
C2702	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C3341	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2703	1-164-346-11	CERAMIC CHIP 1UF	16V	C3342	1-104-665-11	ELECT 100UF	20.00% 25V
C2705	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3343	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2706	1-104-665-11	ELECT 100UF	20.00% 25V	C3344	1-104-665-11	ELECT 100UF	20.00% 25V
C2707	1-104-665-11	ELECT 100UF	20.00% 25V	C3345	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C2708	1-104-665-11	ELECT 100UF	20.00% 25V	C3400	1-126-947-11	ELECT 47UF	20.00% 35V
C2709	1-104-665-11	ELECT 100UF	20.00% 25V	C3401	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C2710	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3402	1-126-947-11	ELECT 47UF	20.00% 35V
C3100	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C3403	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3101	1-104-665-11	ELECT 100UF	20.00% 25V	C3404	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C3102	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C3406	1-126-964-11	ELECT 10UF	20.00% 50V
C3103	1-104-665-11	ELECT 100UF	20.00% 25V	C3407	1-126-964-11	ELECT 10UF	20.00% 50V
C3105	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C3408	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C3106	1-104-665-11	ELECT 100UF	20.00% 25V	C3410	1-126-941-11	ELECT 470UF	20.00% 25V
C3107	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C3411	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C3108	1-104-665-11	ELECT 100UF	20.00% 25V	C3412	1-126-968-11	ELECT 100UF	20.00% 50V
C3110	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	C3413	1-164-346-11	CERAMIC CHIP 1UF	16V
C3111	1-104-665-11	ELECT 100UF	20.00% 25V	C3414	1-164-346-11	CERAMIC CHIP 1UF	16V
C3300	1-126-947-11	ELECT 47UF	20.00% 35V	C3415	1-164-346-11	CERAMIC CHIP 1UF	16V
C3301	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C3416	1-164-346-11	CERAMIC CHIP 1UF	16V
C3302	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3417	1-164-346-11	CERAMIC CHIP 1UF	16V
C3304	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3418	1-164-346-11	CERAMIC CHIP 1UF	16V
C3305	1-164-346-11	CERAMIC CHIP 1UF	16V	C3419	1-104-665-11	ELECT 100UF	20.00% 25V
C3309	1-104-665-11	ELECT 100UF	20.00% 25V	C3420	1-104-665-11	ELECT 100UF	20.00% 25V
C3310	1-104-665-11	ELECT 100UF	20.00% 25V	C3421	1-104-665-11	ELECT 100UF	20.00% 25V
C3313	1-165-908-91	CERAMIC CHIP 1UF	10% 10V	C3450	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C3314	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	C3451	1-126-933-11	ELECT 100UF	20.00% 16V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C3500	1-126-947-11	ELECT 47UF	20.00% 35V	D3606	8-719-083-82	DIODE UDZS-TE17-12B	
C3501	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D3625	8-719-083-82	DIODE UDZS-TE17-12B	
C3502	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3626	8-719-083-82	DIODE UDZS-TE17-12B	
C3503	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3627	8-719-083-82	DIODE UDZS-TE17-12B	
C3504	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3628	8-719-083-82	DIODE UDZS-TE17-12B	
C3505	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3629	8-719-083-82	DIODE UDZS-TE17-12B	
C3506	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3630	8-719-083-82	DIODE UDZS-TE17-12B	
C3507	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	D3631	8-719-083-82	DIODE UDZS-TE17-12B	
C3600	1-104-665-11	ELECT 100UF	20.00% 25V	D3650	8-719-083-82	DIODE UDZS-TE17-12B	
C3601	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	D3651	8-719-083-82	DIODE UDZS-TE17-12B	
C3616	1-165-908-91	CERAMIC CHIP 1UF	10% 10V	D3652	8-719-083-82	DIODE UDZS-TE17-12B	
C3631	1-165-908-91	CERAMIC CHIP 1UF	10% 10V	D3653	8-719-083-82	DIODE UDZS-TE17-12B	
C3650	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D3654	8-719-083-82	DIODE UDZS-TE17-12B	
C3653	1-126-964-11	ELECT 10UF	20.00% 50V	D3675	8-719-083-82	DIODE UDZS-TE17-12B	
C3675	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D3676	8-719-083-82	DIODE UDZS-TE17-12B	
C3676	1-104-665-11	ELECT 100UF	20.00% 25V	D3677	8-719-083-82	DIODE UDZS-TE17-12B	
C3677	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D3700	8-719-083-82	DIODE UDZS-TE17-12B	
C3678	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	D3701	8-719-083-82	DIODE UDZS-TE17-12B	
C3679	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	D3702	8-719-056-84	DIODE UDZ-TE-17-7.5B	
C3804	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V	< FERRITE BEAD >			
C3806	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FB3801	1-414-766-22	FERRITE 0UH	
C3807	1-104-666-11	ELECT 220UF	20.00% 25V	FB3802	1-414-766-22	FERRITE 0UH	
C3811	1-126-933-91	ELECT 100UF	20.00% 16V	< FILTER >			
C3814	1-104-665-11	ELECT 100UF	20.00% 25V	FL3300	1-236-071-11	ENCAPSULATED COMPONENT	
C3815	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	FL3301	1-236-071-11	ENCAPSULATED COMPONENT	
< CONNECTOR >				FL3400	1-236-071-11	ENCAPSULATED COMPONENT	
CN3800	1-695-915-11	TAB (CONTACT)		FL3500	1-236-071-11	ENCAPSULATED COMPONENT	
CN1001	1-793-498-11	CONNECTOR BOARD TO BOARD 50P		< IC >			
< DIODE >				IC2300	8-759-576-76	IC TDA2822D013TR	
D2300	8-719-083-57	DIODE UDZSTE-173.6B		IC3300	8-752-096-83	IC CXA2149AQ-FL	
D2600	8-719-083-82	DIODE UDZS-TE17-12B		IC3400	8-752-068-45	IC CXA1855Q	
D2602	8-719-083-82	DIODE UDZS-TE17-12B		IC3500	8-759-587-03	IC TDA8601T	
D2626	8-719-083-82	DIODE UDZS-TE17-12B		< SOCKET >			
D2628	8-719-083-82	DIODE UDZS-TE17-12B		J2300	1-770-989-11	JACK, PIN 2P	
D2650	8-719-083-82	DIODE UDZS-TE17-12B		< COIL >			
D2651	8-719-083-82	DIODE UDZS-TE17-12B		L3305	1-414-934-21	INDUCTOR 10UH	
D2652	8-719-083-82	DIODE UDZS-TE17-12B		L3306	1-414-934-21	INDUCTOR 10UH	
D2653	8-719-083-82	DIODE UDZS-TE17-12B		L3307	1-414-934-21	INDUCTOR 10UH	
D2675	8-719-083-82	DIODE UDZS-TE17-12B		L3308	1-414-934-21	INDUCTOR 10UH	
D2676	8-719-083-82	DIODE UDZS-TE17-12B		L3309	1-414-934-21	INDUCTOR 10UH	
D2700	8-719-083-82	DIODE UDZS-TE17-12B		L3800	1-414-934-21	INDUCTOR 10UH	
D2701	8-719-083-82	DIODE UDZS-TE17-12B		L3801	1-412-979-21	INDUCTOR 1UH	
D3600	8-719-083-82	DIODE UDZS-TE17-12B		L3802	1-412-979-21	INDUCTOR 1UH	
D3601	8-719-083-82	DIODE UDZS-TE17-12B		L3803	1-414-934-21	INDUCTOR 10UH	
D3602	8-719-083-82	DIODE UDZS-TE17-12B					
D3603	8-719-083-82	DIODE UDZS-TE17-12B					
D3604	8-719-083-82	DIODE UDZS-TE17-12B					
D3605	8-719-083-82	DIODE UDZS-TE17-12B					

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< TRANSISTOR >				R2316	1-216-837-11	RES-CHIP 22K 5%	1/10W
Q2300	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2317	1-216-837-11	RES-CHIP 22K 5%	1/10W
Q2301	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2321	1-216-864-11	SHORT CHIP 0	
Q2302	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2325	1-216-864-11	SHORT CHIP 0	
Q2303	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2331	1-216-864-11	SHORT CHIP 0	
Q2625	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2600	1-216-817-11	RES-CHIP 470 5%	1/10W
Q2626	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2601	1-216-841-11	RES-CHIP 47K 5%	1/10W
Q3300	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2602	1-216-813-11	RES-CHIP 220 5%	1/10W
Q3301	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2603	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q3302	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2604	1-216-853-11	RES-CHIP 470K 5%	1/10W
Q3303	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2605	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
Q3304	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2606	1-216-817-11	RES-CHIP 470 5%	1/10W
Q3305	8-729-038-96	TRANSISTOR IMZ1A-T109		R2607	1-216-841-11	RES-CHIP 47K 5%	1/10W
Q3306	8-729-038-96	TRANSISTOR IMZ1A-T109		R2608	1-216-813-11	RES-CHIP 220 5%	1/10W
Q3310	8-729-038-96	TRANSISTOR IMZ1A-T109		R2609	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q3311	8-729-038-96	TRANSISTOR IMZ1A-T109		R2610	1-216-853-11	RES-CHIP 470K 5%	1/10W
Q3312	8-729-038-96	TRANSISTOR IMZ1A-T109		R2611	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
Q3400	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2625	1-216-817-11	RES-CHIP 470 5%	1/10W
Q3401	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2626	1-216-841-11	RES-CHIP 47K 5%	1/10W
Q3402	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R2627	1-216-813-11	RES-CHIP 220 5%	1/10W
Q3403	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2628	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
Q3404	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R2629	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q3405	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2630	1-216-853-11	RES-CHIP 470K 5%	1/10W
Q3406	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2631	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
Q3407	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2632	1-216-817-11	RES-CHIP 470 5%	1/10W
Q3410	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2633	1-216-841-11	RES-CHIP 47K 5%	1/10W
Q3600	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2634	1-216-813-11	RES-CHIP 220 5%	1/10W
Q3625	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2635	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
Q3650	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2636	1-216-821-11	RES-CHIP 1K 5%	1/10W
Q3651	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2637	1-216-853-11	RES-CHIP 470K 5%	1/10W
Q3652	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R		R2638	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
Q3806	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R2650	1-216-817-11	RES-CHIP 470 5%	1/10W
Q3807	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R2651	1-216-841-11	RES-CHIP 47K 5%	1/10W
< RESISTOR >				R2652	1-216-813-11	RES-CHIP 220 5%	1/10W
R2301	1-216-817-11	RES-CHIP 470 5%	1/10W	R2654	1-216-821-11	RES-CHIP 1K 5%	1/10W
R2303	1-216-817-11	RES-CHIP 470 5%	1/10W	R2655	1-216-853-11	RES-CHIP 470K 5%	1/10W
R2304	1-216-819-11	RES-CHIP 680 5%	1/10W	R2656	1-216-827-11	RES-CHIP 3.3K 5%	1/10W
R2305	1-216-819-11	RES-CHIP 680 5%	1/10W	R2658	1-216-817-11	RES-CHIP 470 5%	1/10W
R2306	1-216-029-00	RES-CHIP 150 5%	1/10W	R2659	1-216-841-11	RES-CHIP 47K 5%	1/10W
R2307	1-216-029-00	RES-CHIP 150 5%	1/10W	R2660	1-216-813-11	RES-CHIP 220 5%	1/10W
R2308	1-216-029-00	RES-CHIP 150 5%	1/10W	R2661	1-216-821-11	RES-CHIP 1K 5%	1/10W
R2309	1-216-029-00	RES-CHIP 150 5%	1/10W	R2662	1-216-853-11	RES-CHIP 470K 5%	1/10W
R2310	1-216-825-11	RES-CHIP 2.2K 5%	1/10W	R2663	1-216-827-11	RES-CHIP 3.3K 5%	1/10W
R2311	1-216-825-11	RES-CHIP 2.2K 5%	1/10W	R2675	1-216-821-11	RES-CHIP 1K 5%	1/10W
R2312	1-249-389-11	CARBON 4.7 5%	1/4W	R2676	1-216-853-11	RES-CHIP 470K 5%	1/10W
R2313	1-249-389-11	CARBON 4.7 5%	1/4W	R2677	1-216-827-11	RES-CHIP 3.3K 5%	1/10W
R2314	1-216-813-11	RES-CHIP 220 5%	1/10W	R2679	1-216-821-11	RES-CHIP 1K 5%	1/10W
R2315	1-216-813-11	RES-CHIP 220 5%	1/10W	R2680	1-216-853-11	RES-CHIP 470K 5%	1/10W
				R2681	1-216-827-11	RES-CHIP 3.3K 5%	1/10W
				R2700	1-216-821-11	RES-CHIP 1K 5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R2701	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R3314	1-216-818-11	RES-CHIP	560 5% 1/10W
R2702	1-216-853-11	RES-CHIP	470K 5% 1/10W	R3315	1-216-830-11	RES-CHIP	5.6K 5% 1/10W
R2703	1-216-821-11	RES-CHIP	1K 5% 1/10W	R3317	1-216-843-11	RES-CHIP	68K 5% 1/10W
R2704	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R3318	1-216-843-11	RES-CHIP	68K 5% 1/10W
R2705	1-216-853-11	RES-CHIP	470K 5% 1/10W	R3319	1-218-885-11	METAL CHIP	39K 0.5% 1/10W
R3101	1-216-864-11	SHORT CHIP	0	R3320	1-218-686-11	METAL CHIP	560 0.5% 1/16W
R3103	1-216-817-11	RES-CHIP	470 5% 1/10W	R3321	1-218-686-11	METAL CHIP	560 0.5% 1/16W
R3104	1-216-817-11	RES-CHIP	470 5% 1/10W	R3323	1-216-809-11	RES-CHIP	100 5% 1/10W
R3105	1-216-817-11	RES-CHIP	470 5% 1/10W	R3324	1-216-809-11	RES-CHIP	100 5% 1/10W
R3106	1-216-843-11	RES-CHIP	68K 5% 1/10W	R3326	1-216-864-11	SHORT CHIP	0
R3107	1-218-725-11	METAL CHIP	24K 0.5% 1/16W	R3329	1-216-805-11	RES-CHIP	47 5% 1/10W
R3108	1-216-864-11	SHORT CHIP	0	R3330	1-216-805-11	RES-CHIP	47 5% 1/10W
R3109	1-216-817-11	RES-CHIP	470 5% 1/10W	R3331	1-216-805-11	RES-CHIP	47 5% 1/10W
R3110	1-216-817-11	RES-CHIP	470 5% 1/10W	R3332	1-216-805-11	RES-CHIP	47 5% 1/10W
R3111	1-216-817-11	RES-CHIP	470 5% 1/10W	R3333	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R3112	1-216-842-11	RES-CHIP	56K 5% 1/10W	R3335	1-216-864-11	SHORT CHIP	0
R3113	1-218-725-11	METAL CHIP	24K 0.5% 1/16W	R3338	1-216-864-11	SHORT CHIP	0
R3121	1-216-821-11	RES-CHIP	1K 5% 1/10W	R3340	1-216-864-11	SHORT CHIP	0
R3122	1-216-864-11	SHORT CHIP	0	R3341	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R3123	1-216-817-11	RES-CHIP	470 5% 1/10W	R3400	1-216-809-11	RES-CHIP	100 5% 1/10W
R3124	1-216-817-11	RES-CHIP	470 5% 1/10W	R3401	1-216-809-11	RES-CHIP	100 5% 1/10W
R3125	1-216-843-11	RES-CHIP	68K 5% 1/10W	R3402	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3126	1-218-725-11	METAL CHIP	24K 0.5% 1/16W	R3403	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3127	1-216-821-11	RES-CHIP	1K 5% 1/10W	R3405	1-216-817-11	RES-CHIP	470 5% 1/10W
R3128	1-216-864-11	SHORT CHIP	0	R3406	1-216-819-11	RES-CHIP	680 5% 1/10W
R3129	1-216-817-11	RES-CHIP	470 5% 1/10W	R3407	1-216-809-11	RES-CHIP	100 5% 1/10W
R3130	1-216-817-11	RES-CHIP	470 5% 1/10W	R3408	1-216-837-11	RES-CHIP	22K 5% 1/10W
R3131	1-218-725-11	METAL CHIP	24K 0.5% 1/16W	R3410	1-216-821-11	RES-CHIP	1K 5% 1/10W
R3132	1-216-843-11	RES-CHIP	68K 5% 1/10W	R3411	1-216-809-11	RES-CHIP	100 5% 1/10W
R3133	1-216-821-11	RES-CHIP	1K 5% 1/10W	R3412	1-216-821-11	RES-CHIP	1K 5% 1/10W
R3134	1-216-864-11	SHORT CHIP	0	R3413	1-216-835-11	RES-CHIP	15K 5% 1/10W
R3135	1-216-817-11	RES-CHIP	470 5% 1/10W	R3414	1-216-817-11	RES-CHIP	470 5% 1/10W
R3136	1-216-817-11	RES-CHIP	470 5% 1/10W	R3415	1-216-817-11	RES-CHIP	470 5% 1/10W
R3137	1-216-843-11	RES-CHIP	68K 5% 1/10W	R3416	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R3138	1-218-725-11	METAL CHIP	24K 0.5% 1/16W	R3417	1-216-864-11	SHORT CHIP	0
R3143	1-216-813-11	RES-CHIP	220 5% 1/10W	R3419	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3144	1-216-813-11	RES-CHIP	220 5% 1/10W	R3420	1-216-839-11	RES-CHIP	33K 5% 1/10W
R3145	1-216-813-11	RES-CHIP	220 5% 1/10W	R3421	1-216-841-11	RES-CHIP	47K 5% 1/10W
R3146	1-216-813-11	RES-CHIP	220 5% 1/10W	R3422	1-216-839-11	RES-CHIP	33K 5% 1/10W
R3147	1-216-813-11	RES-CHIP	220 5% 1/10W	R3423	1-216-841-11	RES-CHIP	47K 5% 1/10W
R3300	1-218-827-11	METAL CHIP	150 0.5% 1/10W	R3456	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R3301	1-218-827-11	METAL CHIP	150 0.5% 1/10W	R3460	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R3305	1-216-839-11	RES-CHIP	33K 5% 1/10W	R3461	1-216-809-11	RES-CHIP	100 5% 1/10W
R3306	1-216-841-11	RES-CHIP	47K 5% 1/10W	R3462	1-216-864-11	SHORT CHIP	0
R3307	1-216-817-11	RES-CHIP	470 5% 1/10W	R3463	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R3308	1-216-830-11	RES-CHIP	5.6K 5% 1/10W	R3500	1-216-833-11	RES-CHIP	10K 5% 1/10W
R3309	1-216-818-11	RES-CHIP	560 5% 1/10W	R3501	1-216-805-11	RES-CHIP	47 5% 1/10W
R3310	1-216-839-11	RES-CHIP	33K 5% 1/10W	R3502	1-216-805-11	RES-CHIP	47 5% 1/10W
R3311	1-216-841-11	RES-CHIP	47K 5% 1/10W	R3503	1-216-805-11	RES-CHIP	47 5% 1/10W
R3313	1-216-817-11	RES-CHIP	470 5% 1/10W	R3504	1-216-805-11	RES-CHIP	47 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R3600	1-216-022-00	RES-CHIP	75 5% 1/10W	R3702	1-216-864-11	SHORT CHIP	0
R3601	1-216-805-11	RES-CHIP	47 5% 1/10W	R3703	1-216-022-00	RES-CHIP	75 5% 1/10W
R3602	1-216-809-11	RES-CHIP	100 5% 1/10W	R3704	1-216-805-11	RES-CHIP	47 5% 1/10W
R3603	1-216-833-11	RES-CHIP	10K 5% 1/10W	R3705	1-216-295-91	SHORT CHIP	0
R3604	1-216-022-00	RES-CHIP	75 5% 1/10W	R3714	1-216-864-11	SHORT CHIP	0
R3605	1-216-805-11	RES-CHIP	47 5% 1/10W	R3716	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3606	1-216-022-00	RES-CHIP	75 5% 1/10W	R3808	1-216-864-11	SHORT CHIP	0
R3607	1-216-805-11	RES-CHIP	47 5% 1/10W	R3810	1-216-864-11	SHORT CHIP	0
R3608	1-216-022-00	RES-CHIP	75 5% 1/10W	R3817	1-216-833-11	RES-CHIP	10K 5% 1/10W
R3609	1-216-805-11	RES-CHIP	47 5% 1/10W	R3821	1-216-809-11	RES-CHIP	100 5% 1/10W
R3610	1-216-022-00	RES-CHIP	75 5% 1/10W	R3822	1-216-817-11	RES-CHIP	470 5% 1/10W
R3611	1-216-841-11	RES-CHIP	47K 5% 1/10W	R3823	1-216-817-11	RES-CHIP	470 5% 1/10W
R3612	1-216-836-11	RES-CHIP	18K 5% 1/10W	R3825	1-216-817-11	RES-CHIP	470 5% 1/10W
R3613	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R3826	1-216-821-11	RES-CHIP	1K 5% 1/10W
R3614	1-216-022-00	RES-CHIP	75 5% 1/10W	R3827	1-216-864-11	SHORT CHIP	0
R3615	1-216-017-91	RES-CHIP	47K 5% 1/10W	R3828	1-216-841-91	RES-CHIP	47K 5% 1/10W
R3625	1-216-022-00	RES-CHIP	75 5% 1/10W	R3829	1-216-840-91	RES-CHIP	39K 5% 1/10W
R3626	1-216-805-11	RES-CHIP	47 5% 1/10W	R3846	1-216-864-11	SHORT CHIP	0
R3627	1-216-809-11	RES-CHIP	100 5% 1/10W	R3847	1-216-833-11	RES-CHIP	10K 5% 1/10W
R3628	1-216-833-11	RES-CHIP	10K 5% 1/10W	R3848	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R3629	1-216-022-00	RES-CHIP	75 5% 1/10W	R3849	1-216-845-11	RES-CHIP	100K 5% 1/10W
R3630	1-216-805-11	RES-CHIP	47 5% 1/10W	R3850	1-216-821-11	RES-CHIP	1K 5% 1/10W
R3631	1-216-022-00	RES-CHIP	75 5% 1/10W	R3851	1-216-841-11	RES-CHIP	47K 5% 1/10W
R3632	1-216-805-11	RES-CHIP	47 5% 1/10W	R3852	1-216-841-11	RES-CHIP	47K 5% 1/10W
R3633	1-216-022-00	RES-CHIP	75 5% 1/10W	R3853	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3634	1-216-805-11	RES-CHIP	47 5% 1/10W	R3854	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3635	1-216-022-00	RES-CHIP	75 5% 1/10W	R3855	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3636	1-218-827-11	METAL CHIP	150 0.5% 1/10W	R3856	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3638	1-218-827-11	METAL CHIP	150 0.5% 1/10W	R3857	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3639	1-216-022-00	RES-CHIP	75 5% 1/10W	R3858	1-218-827-11	METAL CHIP	150 0.5% 1/10W
R3640	1-216-017-91	RES-CHIP	47K 5% 1/10W	R3864	1-216-864-11	SHORT CHIP	0
R3650	1-216-809-11	RES-CHIP	100 5% 1/10W	R3865	1-216-864-11	SHORT CHIP	0
R3651	1-216-833-11	RES-CHIP	10K 5% 1/10W	R3867	1-216-817-11	RES-CHIP	470 5% 1/10W
R3652	1-216-801-11	RES-CHIP	22 5% 1/10W	R3868	1-216-817-11	RES-CHIP	470 5% 1/10W
R3653	1-216-022-00	RES-CHIP	75 5% 1/10W	R3869	1-216-817-11	RES-CHIP	470 5% 1/10W
R3654	1-216-805-11	RES-CHIP	47 5% 1/10W	R3870	1-216-817-11	RES-CHIP	470 5% 1/10W
R3656	1-216-022-00	RES-CHIP	75 5% 1/10W	J2 Board Variant Parts KV-36FS76B			
R3659	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	< CONNECTOR >			
R3660	1-216-022-00	RES-CHIP	75 5% 1/10W	CN3600	1-816-666-11	CONNECTOR, RGB 21P	
R3661	1-216-017-91	RES-CHIP	47K 5% 1/10W	< TUNER >			
R3675	1-216-809-11	RES-CHIP	100 5% 1/10W	TU3800	8-598-536-20	FRONTEND BTF-EF412	
R3676	1-216-833-11	RES-CHIP	10K 5% 1/10W	J2 Board Variant Parts KV-36FS76E			
R3677	1-216-022-00	RES-CHIP	75 5% 1/10W	< CONNECTOR >			
R3678	1-216-805-11	RES-CHIP	47 5% 1/10W	CN3600	1-815-673-11	CONNECTOR, RGB 21P	
R3679	1-216-022-00	RES-CHIP	75 5% 1/10W				
R3680	1-216-017-91	RES-CHIP	47K 5% 1/10W				
R3681	1-216-841-11	RES-CHIP	47K 5% 1/10W				
R3682	1-216-836-11	RES-CHIP	18K 5% 1/10W				
R3700	1-216-022-00	RES-CHIP	75 5% 1/10W				
R3701	1-216-805-11	RES-CHIP	47 5% 1/10W				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< TUNER >				C6851	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
TU3800	8-598-534-10	FRONTEND BTF-EC412		C6852	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
J2 Board Variant Parts KV-36FS76U				C6853	1-126-933-11	ELECT 100UF	20.00% 16V
< CONNECTOR >				C8929	1-107-960-11	ELECT 4.7UF	20.00% 250V
CN3600	1-815-673-11	CONNECTOR, RGB 21P		C8930	1-129-898-00	FILM 0.0022UF	5.00% 630V
< TUNER >				C8932	1-136-205-11	MYLAR 0.022UF	5.00% 630V
TU3800	8-598-530-10	FRONTEND BTF-EU612		C8938	1-162-131-11	CERAMIC 220PF	10.00% 2KV
* A-1300-709-A D2 Board, Complete				C8939	1-162-129-00	CERAMIC 150PF	10.00% 2KV
4-382-854-01 SCREW (M3X8), P, SW (+)				C8944	1-137-150-11	FILM 0.01UF	5.00% 100V
< CAPACITOR >				C8945	1-126-947-11	ELECT 47UF	20.00% 35V
C6802	1-130-483-00	MYLAR 0.01UF	5.00% 50V	< CONNECTOR >			
C6803	1-165-176-11	CERAMIC CHIP 0.047UF	10.00% 16V	CN6800	* 1-564-511-11	PLUG, CONNECTOR 8P	
C6804	1-136-813-11	FILM 680PF	5.00% 100V	CN6801	1-691-772-11	PLUG (MICRO CONNECTOR) 10P	
C6805	1-126-964-11	ELECT 10UF	20.00% 50V	< DIODE >			
C6806	1-128-551-11	ELECT 22UF	20.00% 63V	D6800	8-719-052-90	DIODE D1NL40-TA2	
C6807	1-130-495-00	MYLAR 0.1UF	5.00% 50V	D6801	8-719-110-41	DIODE RD15ESB2	
C6808	1-126-947-11	ELECT 47UF	20.00% 35V	D6802	8-719-110-41	DIODE RD15ESB2	
C6809	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	D6803	8-719-911-19	DIODE 1SS119-25	
C6810	1-162-115-00	CERAMIC 330PF	10.00% 1KV	D6804	8-719-081-97	DIODE MMDL914T1	
C6811	1-162-115-00	CERAMIC 330PF	10.00% 1KV	D6806	8-719-109-85	DIODE RD5.1ESB2	
C6812	1-135-946-81	FILM 47000PF	3% 800V	D6811	8-719-911-19	DIODE 1SS119-25	
C6813	1-126-967-11	ELECT 47UF	20.00% 50V	D6813	8-719-911-19	DIODE 1SS119-25	
C6814	1-126-947-11	ELECT 47UF	20.00% 35V	D6814	8-719-982-21	DIODE MTZJ-30C	
C6815	1-130-483-00	MYLAR 0.01UF	5.00% 50V	D6815	8-719-911-19	DIODE 1SS119-25	
C6816	1-126-964-11	ELECT 10UF	20.00% 50V	D6816	8-719-110-41	DIODE RD15ESB2	
C6820	1-130-495-00	MYLAR 0.1UF	5.00% 50V	D6817	8-719-063-73	DIODE D1NL20U-TR	
C6821	1-126-964-11	ELECT 10UF	20.00% 50V	D6820	8-719-921-63	DIODE MTZJ-7.5B	
C6822	1-126-966-11	ELECT 33UF	20.00% 50V	D6821	8-719-110-49	DIODE RD18ESB2	
C6823	1-126-933-11	ELECT 100UF	20.00% 16V	D6822	8-719-063-73	DIODE D1NL20U-TR	
C6824	1-113-610-11	ELECT (BLOCK) 220UF	20.00% 250V	D6823	8-719-911-19	DIODE 1SS119-25	
C6825	1-130-495-00	MYLAR 0.1UF	5.00% 50V	D6824	8-719-911-19	DIODE 1SS119-25	
C6826	1-126-969-11	ELECT 220UF	20.00% 50V	D6825	8-719-911-19	DIODE 1SS119-25	
C6827	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D6828	8-719-911-19	DIODE 1SS119-25	
C6834	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	D8919	8-719-948-45	DIODE ERA22-08	
C6835	1-127-715-91	CERAMIC CHIP 0.22UF	10% 16V	D8927	8-719-991-33	DIODE 1SS133T-77	
C6836	1-136-165-00	FILM 0.1UF	5.00% 50V	< FERRITE BEAD >			
C6837	1-136-103-00	FILM 0.1UF	5.00% 200V	FB6801	1-412-911-11	FERRITE 0UH	
C6840	1-130-495-00	MYLAR 0.1UF	5.00% 50V	< IC >			
C6842	1-130-471-00	MYLAR 0.001UF	5.00% 50V	IC6800	8-759-670-30	IC MCZ3001D	
C6843	1-135-945-81	FILM 10000PF	3% 800V	IC6801	8-759-700-07	IC NJM2903M	
C6848	1-126-963-11	ELECT 4.7UF	20.00% 50V	IC6802	8-759-701-01	IC NJM2904M	
C6849	1-162-962-11	CERAMIC CHIP 470PF	10.00% 50V	IC6803	8-759-462-09	IC TLV431AIDBV	
C6850	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	IC6807	8-759-586-17	IC TL1431CZ-AP	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< COIL >				R6837	1-215-441-00	METAL	6.8K 1% 1/4W
L6802	1-419-658-11	INDUCTOR	107UH	R6838	1-215-437-00	METAL	4.7K 1% 1/4W
L8901	1-406-674-11	INDUCTOR	3.3MH	R6839	1-215-439-00	METAL	5.6K 1% 1/4W
< TRANSISTOR >				R6840	1-215-445-00	METAL	10K 1% 1/4W
Q6801	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R	R6841	1-218-841-11	METAL CHIP	560 0.5% 1/10W
Q6802	8-729-901-81	TRANSISTOR	2SC2412K-T-146-R	R6843	1-218-845-11	METAL CHIP	820 0.5% 1/10W
Q6803	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6844	1-218-875-11	METAL CHIP	15K 0.5% 1/10W
Q6804	8-729-044-42	TRANSISTOR	IRFI644G-LF36	R6845	1-218-855-11	METAL CHIP	2.2K 0.5% 1/10W
Q6805	8-729-044-42	TRANSISTOR	IRFI644G-LF36	R6846	1-218-868-11	METAL CHIP	7.5K 0.5% 1/10W
Q6807	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6847	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
Q6808	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6848	1-216-817-11	RES-CHIP	470 5% 1/10W
Q6813	8-729-424-02	TRANSISTOR	2SB709A-QRS-TX	R6865	1-216-835-11	RES-CHIP	15K 5% 1/10W
Q6814	8-729-900-53	TRANSISTOR	DTC114EK	R6867	1-216-809-11	RES-CHIP	100 5% 1/10W
Q6815	8-729-424-02	TRANSISTOR	2SB709A-QRS-TX	R6868	1-216-797-11	RES-CHIP	10 5% 1/10W
Q6816	8-729-900-53	TRANSISTOR	DTC114EK	R6869	1-216-833-11	RES-CHIP	10K 5% 1/10W
Q6817	8-729-424-02	TRANSISTOR	2SB709A-QRS-TX	R6870	1-216-849-11	RES-CHIP	220K 5% 1/10W
Q8909	6-550-012-01	TRANSISTOR	STP5NB40 (033Y)	R6872	1-249-377-11	CARBON	0.47 5% 1/4W
Q8918	1-801-806-11	TRANSISTOR	DTC144EKA	R6873	1-249-431-11	CARBON	15K 5% 1/4W
< RESISTOR >				R6874	1-218-903-11	METAL CHIP	220K 0.5% 1/10W
R6801	1-216-841-11	RES-CHIP	47K 5% 1/10W	R6875	1-216-863-11	RES-CHIP	3.3M 5% 1/10W
R6802	1-216-849-11	RES-CHIP	220K 5% 1/10W	R6876	1-215-485-00	METAL	470K 1% 1/4W
R6803	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R6877	1-215-485-00	METAL	470K 1% 1/4W
R6805	1-215-481-00	METAL	330K 1% 1/4W	R6878	1-216-821-11	RES-CHIP	1K 5% 1/10W
R6806	1-215-481-00	METAL	330K 1% 1/4W	R6880	1-219-751-51	CARBON	47K 5% 1/2W
R6807	1-215-481-00	METAL	330K 1% 1/4W	R6881	1-219-749-51	CARBON	10K 5% 1/2W
R6808	1-211-981-11	METAL CHIP	33 0.5% 1/10W	R6882	1-216-841-11	RES-CHIP	47K 5% 1/10W
R6809	1-218-823-11	METAL CHIP	100 0.5% 1/10W	R6883	1-211-985-11	METAL CHIP	47 0.5% 1/10W
R6810	1-249-417-11	CARBON	1K 5% 1/4W	R6884	1-218-874-11	METAL CHIP	13K 0.5% 1/10W
R6811	1-202-933-61	FUSIBLE	0.1 10% 1/2W	R6885	1-216-841-11	RES-CHIP	47K 5% 1/10W
R6812	1-218-869-11	METAL CHIP	8.2K 0.5% 1/10W	R6887	1-249-411-11	CARBON	330 5% 1/4W
R6813	1-249-393-11	CARBON	10 5% 1/4W	R6895	1-216-809-11	RES-CHIP	100 5% 1/10W
R6814	1-249-393-11	CARBON	10 5% 1/4W	R6896	1-216-839-11	RES-CHIP	33K 5% 1/10W
R6815	1-216-833-11	RES-CHIP	10K 5% 1/10W	R6897	1-216-853-11	RES-CHIP	470K 5% 1/10W
R6816	1-216-833-11	RES-CHIP	10K 5% 1/10W	R6899	1-216-839-11	RES-CHIP	33K 5% 1/10W
R6817	1-243-979-71	METAL OXIDE	0.1 5% 2W	R8949	1-215-922-11	METAL OXIDE	6.8K 5% 3W
R6818	1-249-389-11	CARBON	4.7 5% 1/4W	R8950	1-215-922-11	METAL OXIDE	6.8K 5% 3W
R6820	1-216-837-11	RES-CHIP	22K 5% 1/10W	R8951	1-215-922-11	METAL OXIDE	6.8K 5% 3W
R6821	1-216-837-11	RES-CHIP	22K 5% 1/10W	R8952	1-215-922-11	METAL OXIDE	6.8K 5% 3W
R6823	1-247-843-11	CARBON	3.3K 5% 1/4W	R8954	1-260-123-11	CARBON	100K 5% 1/2W
R6825	1-218-899-11	METAL CHIP	150K 0.5% 1/16W	R8955	1-260-123-11	CARBON	100K 5% 1/2W
R6827	1-218-887-11	METAL CHIP	47K 0.5% 1/10W	R8956	1-260-123-11	CARBON	100K 5% 1/2W
R6828	1-218-895-11	METAL CHIP	100K 0.5% 1/10W	R8957	1-218-847-11	METAL CHIP	1K 0.5% 1/10W
R6829	1-216-841-11	RES-CHIP	47K 5% 1/10W	R8988	1-260-123-11	CARBON	100K 5% 1/2W
R6832	1-216-841-11	RES-CHIP	47K 5% 1/10W	R8989	1-249-429-11	CARBON	10K 5% 1/4W
R6834	1-216-841-11	RES-CHIP	47K 5% 1/10W	R8990	1-216-845-11	RES-CHIP	100K 5% 1/10W
R6835	1-215-423-00	METAL	1.2K 1% 1/4W	R8991	1-216-837-11	RES-CHIP	22K 5% 1/10W
R6836	1-215-441-00	METAL	6.8K 1% 1/4W	R8998	1-215-922-11	METAL OXIDE	6.8K 5% 3W

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

D2

H

M2

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
< RESISTOR VARIABLE >				R307	1-216-809-11	RES-CHIP 100 5%	1/10W
RV6800	1-241-763-11	RES, ADJ, CERMET 4.7K		R308	1-216-809-11	RES-CHIP 100 5%	1/10W
< SPARK GAP >				R309	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
SG6800	1-517-499-21	GAP, SPARK		R310	1-216-809-11	RES-CHIP 100 5%	1/10W
< TRANSFORMER >				R311	1-216-809-11	RES-CHIP 100 5%	1/10W
T6800 Δ	1-453-444-21	TRANSFORMER ASSY, FLYBACK (NX-6020//Z2B4)		R312	1-216-817-11	RES-CHIP 470 5%	1/10W
T8901	1-437-690-11	TRANSFORMER, FERRITE (DFT)		R313	1-216-809-11	RES-CHIP 100 5%	1/10W
* A-1400-437-A H Board, Complete				R314	1-216-809-11	RES-CHIP 100 5%	1/10W
< CAPACITOR >				R315	1-216-809-11	RES-CHIP 100 5%	1/10W
C300	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	R316	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
C301	1-162-947-11	CERAMIC CHIP 33PF	5.00% 50V	R317	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
C302	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	R318	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
C303	1-126-947-11	ELECT 47UF	20.00% 35V	R319	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
C305	1-126-947-11	ELECT 47UF	20.00% 35V	R320	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
< CONNECTOR >				R321	1-216-825-11	RES-CHIP 2.2K 5%	1/10W
CN300	* 1-564-510-11	PLUG, CONNECTOR 7P		R322	1-216-864-11	SHORT CHIP 0	
CN301	* 1-564-507-11	PLUG, CONNECTOR 4P		R323	1-216-838-11	RES-CHIP 27K 5%	1/10W
CN302	* 1-564-511-11	PLUG, CONNECTOR 8P		R324	1-216-833-11	RES-CHIP 10K 5%	1/10W
< DIODE >				< CRYSTAL >			
D300	8-719-978-33	DIODE DTZ-TT11-6.8B		X300	1-579-126-11	VIBRATOR, CERAMIC	
D301	8-719-069-54	DIODE UDZSTE-175.1B		* A-1400-438-A M2 Board, Complete			
D302	8-719-914-43	DIODE DAN202K		< CAPACITOR >			
D303	8-719-069-54	DIODE UDZSTE-175.1B		C103	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
D304	8-719-069-54	DIODE UDZSTE-175.1B		C104	1-162-921-11	CERAMIC CHIP 33PF	5.00% 50V
D305	8-719-069-54	DIODE UDZSTE-175.1B		C105	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
D306	8-719-069-54	DIODE UDZSTE-175.1B		C107	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
D307	8-719-069-54	DIODE UDZSTE-175.1B		C108	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
D308	8-719-083-60	DIODE UDZSTE-174.7B		C109	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
< IC >				C110	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
IC300	8-752-412-99	IC CXD2088Q-T4		C111	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
< TRANSISTOR >				C112	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
Q300	8-729-120-28	TRANSISTOR 2SC1623-L5L6		C113	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
< RESISTOR >				C114	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
R300	1-216-833-11	RES-CHIP 10K 5%	1/10W	C115	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R301	1-216-809-11	RES-CHIP 100 5%	1/10W	C116	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
R302	1-216-809-11	RES-CHIP 100 5%	1/10W	C117	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R304	1-216-809-11	RES-CHIP 100 5%	1/10W	C118	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
R305	1-216-813-11	RES-CHIP 220 5%	1/10W	C119	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
R306	1-216-864-11	SHORT CHIP 0		C120	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C121	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C122	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C123	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C124	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C125	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C126	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
				C127	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C128	1-115-467-11	CERAMIC CHIP 0.22UF	10.00% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C129	1-115-467-11	CERAMIC CHIP 0.22UF	10.00% 10V	IC106	6-701-848-01	IC KF25BDT	
C130	1-126-964-11	ELECT 10UF	20.00% 50V		1-785-449-12	SOCKET, IC	
C131	1-126-964-11	ELECT 10UF	20.00% 50V	IC107	6-802-303-01	IC M27V160-100K1-A601	
C132	1-126-964-11	ELECT 10UF	20.00% 50V				
C133	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V			< TRANSISTOR >	
C134	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q101	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C135	1-126-947-11	ELECT 47UF	20.00% 35V	Q102	1-801-806-11	TRANSISTOR DTC144EKA	
C136	1-126-947-11	ELECT 47UF	20.00% 35V	Q103	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C137	1-126-947-11	ELECT 47UF	20.00% 35V	Q104	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C138	1-126-947-11	ELECT 47UF	20.00% 35V	Q105	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C139	1-126-947-11	ELECT 47UF	20.00% 35V	Q106	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C140	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	Q108	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
C141	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	Q109	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
C142	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	Q111	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
C143	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	Q112	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
C144	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V	Q113	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
C145	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q114	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
C146	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q116	8-729-027-46	TRANSISTOR DTC114YKA-T146	
C147	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q117	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C148	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q118	8-729-027-46	TRANSISTOR DTC114YKA-T146	
C149	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	Q119	8-729-027-46	TRANSISTOR DTC114YKA-T146	
C150	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	Q120	8-729-027-46	TRANSISTOR DTC114YKA-T146	
		< CONNECTOR >				< RESISTOR >	
CN100	* 1-793-497-11	CONNECTOR BOARD TO BOARD 40P		R101	1-216-864-11	SHORT CHIP 0	
CN104	* 1-564-509-11	PLUG, CONNECTOR 6P		R102	1-216-833-11	RES-CHIP 10K 5% 1/10W	
				R123	1-216-829-11	RES-CHIP 4.7K 5% 1/10W	
		< FERRITE BEAD >		R124	1-216-864-11	SHORT CHIP 0	
				R125	1-216-829-11	RES-CHIP 4.7K 5% 1/10W	
FB103	1-414-766-22	FERRITE 0UH		R126	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB104	1-414-766-22	FERRITE 0UH		R127	1-216-864-11	SHORT CHIP 0	
FB105	1-414-766-22	FERRITE 0UH		R130	1-216-821-11	RES-CHIP 1K 5% 1/10W	
FB106	1-414-766-22	FERRITE 0UH		R132	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB107	1-414-766-22	FERRITE 0UH		R133	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB108	1-414-766-22	FERRITE 0UH		R134	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB111	1-414-766-22	FERRITE 0UH		R137	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB112	1-414-766-22	FERRITE 0UH		R138	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FB135	1-414-766-22	FERRITE 0UH		R139	1-216-833-11	RES-CHIP 10K 5% 1/10W	
				R140	1-216-833-11	RES-CHIP 10K 5% 1/10W	
		< FILTER >					
FL100	1-233-736-21	FILTER, EMI		R141	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FL101	1-233-736-21	FILTER, EMI		R142	1-216-833-11	RES-CHIP 10K 5% 1/10W	
FL102	1-233-736-21	FILTER, EMI		R143	1-216-832-11	RES-CHIP 8.2K 5% 1/10W	
FL103	1-233-736-21	FILTER, EMI		R144	1-216-845-11	RES-CHIP 100K 5% 1/10W	
FL104	1-233-736-21	FILTER, EMI		R145	1-216-833-11	RES-CHIP 10K 5% 1/10W	
		< IC >					
				R146	1-216-812-11	RES-CHIP 180 5% 1/10W	
IC101	6-702-313-01	IC PST600IMT		R150	1-216-825-11	RES-CHIP 2.2K 5% 1/10W	
IC103	6-702-057-01	IC SDA6000-B11-GEG		R151	1-216-825-11	RES-CHIP 2.2K 5% 1/10W	
IC104	8-759-682-41	IC M24C32-WMN6T(A)		R152	1-216-829-11	RES-CHIP 4.7K 5% 1/10W	
IC105	8-759-831-90	IC MT48LC8M16A2TG-75		R158	1-216-825-11	RES-CHIP 2.2K 5% 1/10W	

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R159	1-216-833-11	RES-CHIP	10K 5% 1/10W	R236	1-216-864-11	SHORT CHIP	0
R161	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R237	1-216-864-11	SHORT CHIP	0
R163	1-216-864-11	SHORT CHIP	0	R240	1-216-845-11	RES-CHIP	100K 5% 1/10W
R164	1-216-833-11	RES-CHIP	10K 5% 1/10W	R245	1-216-845-11	RES-CHIP	100K 5% 1/10W
R165	1-216-824-11	RES-CHIP	1.8K 5% 1/10W	R246	1-216-864-11	SHORT CHIP	0
R166	1-216-824-11	RES-CHIP	1.8K 5% 1/10W	R247	1-216-864-11	SHORT CHIP	0
R167	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R248	1-216-827-11	RES-CHIP	3.3K 5% 1/10W
R168	1-216-827-11	RES-CHIP	3.3K 5% 1/10W	R249	1-216-827-11	RES-CHIP	3.3K 5% 1/10W
R169	1-216-827-11	RES-CHIP	3.3K 5% 1/10W	< RESISTOR CHIP >			
R170	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB100	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R171	1-216-821-11	RES-CHIP	1K 5% 1/10W	RB101	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R172	1-216-821-11	RES-CHIP	1K 5% 1/10W	RB102	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R173	1-216-821-11	RES-CHIP	1K 5% 1/10W	RB103	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R174	1-216-824-11	RES-CHIP	1.8K 5% 1/10W	RB104	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R175	1-216-824-11	RES-CHIP	1.8K 5% 1/10W	RB105	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R176	1-216-824-11	RES-CHIP	1.8K 5% 1/10W	RB106	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R177	1-216-805-11	RES-CHIP	47 5% 1/10W	RB107	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R178	1-216-805-11	RES-CHIP	47 5% 1/10W	RB108	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R179	1-216-805-11	RES-CHIP	47 5% 1/10W	RB109	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R180	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB110	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R181	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB111	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R182	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB112	1-239-711-91	NETWORK RESISTOR (CHIP)	0
R183	1-216-809-11	RES-CHIP	100 5% 1/10W	RB113	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R184	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB114	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R185	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB115	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R186	1-216-808-11	RES-CHIP	82 5% 1/10W	RB116	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R187	1-216-833-11	RES-CHIP	10K 5% 1/10W	RB117	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R188	1-216-827-11	RES-CHIP	3.3K 5% 1/10W	RB118	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R189	1-216-827-11	RES-CHIP	3.3K 5% 1/10W	RB119	1-239-621-11	NETWORK RESISTOR (CHIP)	22
R190	1-216-801-11	RES-CHIP	22 5% 1/10W	RB120	1-234-524-21	RES, CHIP NETWORK	33
R191	1-216-801-11	RES-CHIP	22 5% 1/10W	RB121	1-234-524-21	RES, CHIP NETWORK	33
R192	1-216-801-11	RES-CHIP	22 5% 1/10W	RB122	1-234-524-21	RES, CHIP NETWORK	33
R193	1-216-801-11	RES-CHIP	22 5% 1/10W	RB123	1-234-524-21	RES, CHIP NETWORK	33
R194	1-216-801-11	RES-CHIP	22 5% 1/10W	< CRYSTAL >			
R195	1-216-801-11	RES-CHIP	22 5% 1/10W	X100	1-567-162-00	OSCILLATOR, CRYSTAL	
R196	1-216-801-11	RES-CHIP	22 5% 1/10W	* A-1400-465-A C Board, Complete			
R197	1-216-801-11	RES-CHIP	22 5% 1/10W	1-251-732-11	SOCKET, CRT		
R200	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	1-451-470-21	SOCKET, CRT		
R201	1-216-864-11	SHORT CHIP	0	1-540-071-22	SOCKET, CRT		
R212	1-218-835-11	METAL CHIP	330 0.5% 1/10W	* 4-042-408-01	PIN, COATING LEAD		
R215	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	4-382-854-01	SCREW (M3X8), P, SW (+)		
R218	1-216-864-11	SHORT CHIP	0	< CAPACITOR >			
R227	1-216-801-11	RES-CHIP	22 5% 1/10W	C5301	1-163-075-00	CERAMIC CHIP 0.047UF	50V
R228	1-216-864-11	SHORT CHIP	0	C5302	1-128-528-11	ELECT 470UF	20.00% 25V
R229	1-216-864-11	SHORT CHIP	0	C5303	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V
R230	1-216-864-11	SHORT CHIP	0	C5304	1-107-967-11	ELECT 1UF	20.00% 400V
R232	1-216-864-11	SHORT CHIP	0				
R233	1-216-864-11	SHORT CHIP	0				
R234	1-216-864-11	SHORT CHIP	0				
R235	1-216-864-11	SHORT CHIP	0				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

C

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C5305	1-136-207-11	MYLAR 0.047UF	5.00% 630V	D5377	8-719-908-03	DIODE GP08D	
C5306	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V	D5378	8-719-921-88	DIODE MTZJ-13B	
C5307	1-163-233-91	CERAMIC CHIP 18PF	5.00% 50V	D5379	8-719-982-96	DIODE MTZJ-T-77-2.2A	
C5308	1-163-089-00	CERAMIC CHIP 6PF	0.50PF 50V	D5380	8-719-982-96	DIODE MTZJ-T-77-2.2A	
C5309	1-163-035-00	CERAMIC CHIP 0.047UF	50V		< IC >		
C5310	1-163-247-91	CERAMIC CHIP 68PF	5.00% 50V	IC5300	8-759-360-83	IC TDA6111Q/N4	
C5325	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V	IC5325	8-759-360-83	IC TDA6111Q/N4	
C5326	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V	IC5350	8-759-360-83	IC TDA6111Q/N4	
C5328	1-128-528-11	ELECT 470UF	20.00% 25V		< SOCKET >		
C5329	1-107-967-11	ELECT 1UF	20.00% 400V				
C5330	1-136-207-11	MYLAR 0.047UF	5.00% 630V	J5375 Δ	1-251-732-11	SOCKET CRT	
C5331	1-163-089-00	CERAMIC CHIP 6PF	0.50PF 50V		< COIL >		
C5332	1-163-231-11	CERAMIC CHIP 15PF	5.00% 50V	L5300	1-408-591-11	INDUCTOR 1UH	
C5333	1-163-035-00	CERAMIC CHIP 0.047UF	50V	L5325	1-408-591-11	INDUCTOR 1UH	
C5334	1-163-247-91	CERAMIC CHIP 68PF	5.00% 50V	L5350	1-408-591-11	INDUCTOR 1UH	
C5335	1-163-075-00	CERAMIC CHIP 0.047UF	50V	L5375	1-410-671-31	INDUCTOR 47UH	
C5350	1-107-907-11	ELECT 22UF	20.00% 50V	L5376 Δ	1-532-637-00	LINK, IC 1A	ICP-F25
C5351	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V		< TRANSISTOR >		
C5352	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V	Q5300	8-729-255-12	TRANSISTOR 2SC2551-0	
C5353	1-163-075-00	CERAMIC CHIP 0.047UF	50V	Q5301	8-729-216-22	TRANSISTOR 2SA1162-G	
C5354	1-128-528-11	ELECT 470UF	20.00% 25V	Q5325	8-729-255-12	TRANSISTOR 2SC2551-0	
C5355	1-107-967-11	ELECT 1UF	20.00% 400V	Q5326	8-729-216-22	TRANSISTOR 2SA1162-G	
C5356	1-136-207-11	MYLAR 0.047UF	5.00% 630V	Q5350	8-729-029-56	TRANSISTOR DTA144ESA	
C5357	1-163-231-11	CERAMIC CHIP 15PF	5.00% 50V				
C5358	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V	Q5351	8-729-255-12	TRANSISTOR 2SC2551-0	
C5359	1-163-035-00	CERAMIC CHIP 0.047UF	50V	Q5352	8-729-216-22	TRANSISTOR 2SA1162-G	
C5360	1-163-247-91	CERAMIC CHIP 68PF	5.00% 50V	Q5375	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C5375	1-107-902-11	ELECT 1UF	20.00% 50V	Q5376	8-729-026-39	TRANSISTOR 2SA933AS-QT	
C5376	1-102-106-00	CERAMIC 100PF	10.00% 50V		< RESISTOR >		
C5377	1-104-331-11	CERAMIC 0.0022UF	10.00% 1KV	R5300	1-249-417-11	CARBON 1K 5% 1/4W	
C5378	1-162-116-00	CERAMIC 680PF	10.00% 2KV	R5301	1-247-807-31	CARBON 100 5% 1/4W	
C5379	1-162-114-00	CERAMIC 0.0047UF	2KV	R5302	1-535-143-61	LEAD, JUMPER (5.0MM)	
C5380	1-107-652-11	ELECT 10UF	20.00% 250V	R5303	1-208-790-11	METAL CHIP 2.2K 0.5% 1/10W	
	< CONNECTOR >			R5304	1-202-557-00	SOLID 220 20% 1/2W	
CN5400	* 1-564-511-11	PLUG, CONNECTOR 8P		R5305	1-215-929-11	METAL OXIDE 100K 5% 3W	
CN5511	1-695-915-11	TAB (CONTACT)		R5306	1-249-424-11	CARBON 3.9K 5% 1/4W	
CN5633	1-695-915-11	TAB (CONTACT)		R5307	1-249-433-11	CARBON 22K 5% 1/4W	
CN5634	* 1-564-508-11	PLUG, CONNECTOR 5P		R5308	1-216-057-00	RES-CHIP 2.2K 5% 1/10W	
	< DIODE >			R5309	1-216-658-11	METAL CHIP 2K 0.5% 1/10W	
D5300	8-719-911-19	DIODE 1SS119-25		R5310	1-216-059-00	RES-CHIP 2.7K 5% 1/10W	
D5302	8-719-901-83	DIODE 1SS83		R5325	1-249-417-11	CARBON 1K 5% 1/4W	
D5325	8-719-911-19	DIODE 1SS119-25		R5326	1-247-807-31	CARBON 100 5% 1/4W	
D5327	8-719-901-83	DIODE 1SS83		R5327	1-535-143-61	LEAD, JUMPER (5.0MM)	
D5350	8-719-911-19	DIODE 1SS119-25		R5328	1-208-790-11	METAL CHIP 2.2K 0.5% 1/10W	
D5351	8-719-991-33	DIODE 1SS133T-77		R5329	1-202-557-00	SOLID 220 20% 1/2W	
D5353	8-719-901-83	DIODE 1SS83		R5330	1-215-929-11	METAL OXIDE 100K 5% 3W	
D5375	8-719-991-33	DIODE 1SS133T-77		R5331	1-249-424-11	CARBON 3.9K 5% 1/4W	
D5376	8-719-991-33	DIODE 1SS133T-77		R5332	1-249-433-11	CARBON 22K 5% 1/4W	

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

C

F4

H3

REF.NO.	PART.NO	DESCRIPTION	REMARK
R5333	1-216-057-00	RES-CHIP 2.2K 5%	1/10W
R5334	1-216-059-00	RES-CHIP 2.7K 5%	1/10W
R5335	1-216-658-11	METAL CHIP 2K 0.5%	1/10W
R5350	1-249-417-11	CARBON 1K 5%	1/4W
R5351	1-247-807-31	CARBON 100 5%	1/4W
R5352	1-249-416-11	CARBON 820 5%	1/4W
R5353	1-249-421-11	CARBON 2.2K 5%	1/4W
R5354	1-249-418-11	CARBON 1.2K 5%	1/4W
R5355	1-535-143-61	LEAD, JUMPER (5.0MM)	
R5356	1-208-790-11	METAL CHIP 2.2K 0.5%	1/10W
R5357	1-202-557-00	SOLID 220 20%	1/2W
R5358	1-215-929-11	METAL OXIDE 100K 5%	3W
R5359	1-249-433-11	CARBON 22K 5%	1/4W
R5360	1-249-424-11	CARBON 3.9K 5%	1/4W
R5361	1-249-431-11	CARBON 15K 5%	1/4W
R5362	1-216-057-00	RES-CHIP 2.2K 5%	1/10W
R5363	1-216-059-00	RES-CHIP 2.7K 5%	1/10W
R5364	1-216-658-11	METAL CHIP 2K 0.5%	1/10W
R5375	1-249-435-11	CARBON 33K 5%	1/4W
R5376	1-249-429-11	CARBON 10K 5%	1/4W
R5377	1-249-421-11	CARBON 2.2K 5%	1/4W
R5378	1-249-429-11	CARBON 10K 5%	1/4W
R5379	1-249-438-11	CARBON 56K 5%	1/4W
R5380	1-249-433-11	CARBON 22K 5%	1/4W
R5381	1-216-055-00	RES-CHIP 1.8K 5%	1/10W
R5382	1-202-549-00	SOLID 100 20%	1/2W
R5383	1-535-143-51	LEAD, JUMPER (20.0MM)	
R5384	1-535-143-51	LEAD, JUMPER (20.0MM)	
R5385	1-202-549-00	SOLID 100 20%	1/2W
R5388	1-215-911-11	METAL OXIDE 100 5%	3W
R5389	1-249-417-11	CARBON 1K 5%	1/4W
< RESISTOR VARIABLE >			
RV5375	1-241-656-21	RES, ADJ, METAL FILM 110M	

*** A-1401-117-A F4 Board, Complete**

4-205-711-01 HOLDER, LED
 * 4-374-846-01 COVER, CAPACITOR, CAP TYPE

< CAPACITOR >

C2170	1-126-969-11	ELECT 220UF	20.00% 50V
C2650	1-113-924-11	CERAMIC 0.0047UF	20.00% 250V

< CONNECTOR >

CN2161	* 1-564-507-11	PLUG, CONNECTOR 4P	
CN2650 Δ *	1-580-844-11	PIN, CONNECTOR (POWER)	
CN2651	1-695-915-11	TAB (CONTACT)	
CN2652 Δ *	1-691-291-11	PIN, CONNECTOR (PC BOARD) 5P	

REF.NO.	PART.NO	DESCRIPTION	REMARK
< DIODE >			
D2170	8-719-109-89	DIODE RD5.6ESB2	
D2171	8-719-109-89	DIODE RD5.6ESB2	
D2172	8-719-081-56	DIODE L-59SRSGC-CC	
< FUSE >			
F2650 Δ	1-576-233-41	FUSE (H.B.C.)	
Δ	1-533-725-11	HOLDER, FUSE (F2650)	
< IC >			
IC2160	8-742-180-30	HYB IC SBX3081-51(30)	
< TRANSISTOR >			
Q2160	8-729-900-53	TRANSISTOR DTC114EK	
Q2161	8-729-027-38	TRANSISTOR DTA144EKA-T146	
< RESISTOR >			
R2170	1-216-813-11	RES-CHIP 220 5%	1/10W
R2171	1-216-813-11	RES-CHIP 220 5%	1/10W
R2172	1-216-821-11	RES-CHIP 1K 5%	1/10W
R2173	1-216-809-11	RES-CHIP 100 5%	1/10W
R2174	1-216-841-11	RES-CHIP 47K 5%	1/10W
R2175	1-216-829-11	RES-CHIP 4.7K 5%	1/10W
R2176	1-216-815-11	RES-CHIP 330 5%	1/10W
R2650 Δ	1-202-719-00	SOLID 1M 10%	1/2W
< SWITCH >			
S2650 Δ	1-571-433-21	SWITCH, PUSH (AC POWER)	
< VARISTOR >			
VD2650 Δ	1-803-830-11	VARISTOR (ERZV14D621)	

*** A-1401-118-A H3 Board, Complete**

< CAPACITOR >

C900	1-102-074-00	CERAMIC 0.001UF	10.00% 50V
C901	1-102-074-00	CERAMIC 0.001UF	10.00% 50V
C902	1-102-074-00	CERAMIC 0.001UF	10.00% 50V
C903	1-102-074-00	CERAMIC 0.001UF	10.00% 50V
C906	1-126-960-11	ELECT 1UF	20.00% 50V
C907	1-126-960-11	ELECT 1UF	20.00% 50V
C908	1-102-106-00	CERAMIC 100PF	10.00% 50V
C909	1-102-106-00	CERAMIC 100PF	10.00% 50V
C911	1-102-074-00	CERAMIC 0.001UF	10.00% 50V
C912	1-102-074-00	CERAMIC 0.001UF	10.00% 50V

< CONNECTOR >

CN900	1-779-947-11	TERMINAL BLOCK, S	
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REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
CN907	1-764-334-11	PIN, CONNECTOR(PCB) (V TYPE) 11P		C1029	1-136-495-11	FILM 0.068UF	5.00% 50V
	< DIODE >			C1030	1-136-495-11	FILM 0.068UF	5.00% 50V
D902	8-719-929-15	DIODE HZS9.1NB2		C1031	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
D903	8-719-929-15	DIODE HZS9.1NB2		C1032	1-126-916-11	ELECT 1000UF	20.00% 6.3V
D904	8-719-109-97	DIODE RD6.8ESB2		C1033	1-126-916-11	ELECT 1000UF	20.00% 6.3V
D905	8-719-109-97	DIODE RD6.8ESB2					
	< SOCKET >			C1034	1-126-935-11	ELECT 470UF	20.00% 16V
J900	1-750-264-11	JACK		C1035	1-104-652-11	ELECT 470UF	20.00% 10V
	< COIL >			C1036	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
L900	1-535-143-61	LEAD, JUMPER (5.0MM)		C1037	1-126-939-11	ELECT 10000UF	20.00% 16V
L901	1-535-143-61	LEAD, JUMPER (5.0MM)		C1038	1-104-665-11	ELECT 100UF	20.00% 25V
L902	1-408-603-31	INDUCTOR 10UH					
L903	1-408-603-31	INDUCTOR 10UH		C1040	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
	< RESISTOR >			C1041	1-136-495-11	FILM 0.068UF	5.00% 50V
R903	1-249-406-11	CARBON 120 5% 1/4W		C1042	1-126-916-11	ELECT 1000UF	20.00% 6.3V
R904	1-249-406-11	CARBON 120 5% 1/4W		C1043	1-164-156-11	CERAMIC CHIP 0.1UF	25V
R905	1-247-895-91	CARBON 470K 5% 1/4W		C1044	1-164-156-11	CERAMIC CHIP 0.1UF	25V
R906	1-247-895-91	CARBON 470K 5% 1/4W					
R909	1-247-895-91	CARBON 470K 5% 1/4W		C1045	1-104-665-11	ELECT 100UF	20.00% 25V
				C1046	1-126-943-11	ELECT 2200UF	20.00% 25V
R910	1-247-895-91	CARBON 470K 5% 1/4W		C1047	1-126-927-11	ELECT 2200UF	20.00% 10V
R915	1-249-406-11	CARBON 120 5% 1/4W		C1049	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
R916	1-249-406-11	CARBON 120 5% 1/4W		C1052	1-126-935-11	ELECT 470UF	20.00% 16V
R917	1-247-807-31	CARBON 100 5% 1/4W					
R918	1-247-807-31	CARBON 100 5% 1/4W		C1053	1-126-964-11	ELECT 10UF	20.00% 50V
* A-1401-377-A A Board, Complete (KV-36FS76B) * A-1401-119-A A Board, Complete (KV-36FS76E) * A-1401-376-A A Board, Complete (KV-36FS76U)				C1054	1-126-964-11	ELECT 10UF	20.00% 50V
				C1055	1-164-156-11	CERAMIC CHIP 0.1UF	25V
* 4-042-408-01	PIN, COATING LEAD			C1056	1-164-156-11	CERAMIC CHIP 0.1UF	25V
4-202-373-01	SPRING, IC			C1057	1-126-933-11	ELECT 100UF	20.00% 16V
4-206-065-01	SPACER INSULATING						
* 4-206-387-11	SHIELD BASE, N			C1062	1-126-935-11	ELECT 470UF	20.00% 16V
4-382-854-01	SCREW (M3X8), P, SW (+)			C1070	1-126-960-11	ELECT 1UF	20.00% 50V
A Board Common Parts				C1100	1-126-933-11	ELECT 100UF	20.00% 16V
	< CAPACITOR >			C1101	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1014	1-126-957-11	ELECT 0.22UF	20.00% 50V	C1102	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1017	1-104-661-91	ELECT 330UF	20.00% 16V				
C1018	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1103	1-126-933-11	ELECT 100UF	20.00% 16V
C1019	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1104	1-126-933-11	ELECT 100UF	20.00% 16V
C1020	1-126-933-11	ELECT 100UF	20.00% 16V	C1105	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
				C1201	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C1022	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C1202	1-126-947-11	ELECT 47UF	20.00% 35V
C1023	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V				
C1024	1-126-935-11	ELECT 470UF	20.00% 16V	C1203	1-136-175-00	FILM 0.68UF	5.00% 50V
C1025	1-126-935-11	ELECT 470UF	20.00% 16V	C1204	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C1028	1-104-665-11	ELECT 100UF	20.00% 25V	C1205	1-126-943-11	ELECT 2200UF	20.00% 25V
				C1206	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
				C1207	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
				C1208	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
				C1209	1-163-135-00	CERAMIC CHIP 560PF	5.00% 50V
				C1210	1-126-965-91	ELECT 22UF	20.00% 50V
				C1211	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
				C1212	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
				C1213	1-126-965-91	ELECT 22UF	20.00% 50V
				C1214	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
				C1215	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
				C1216	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
				C1217	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C1218	1-164-505-11	CERAMIC CHIP 2.2UF	16V	C1290	1-164-506-11	CERAMIC CHIP 4.7UF	16V
C1219	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1402	1-104-665-11	ELECT 100UF	20.00% 25V
C1220	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1403	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1222	1-130-777-00	MYLAR 0.1UF	5.00% 63V	C1404	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1223	1-126-952-11	ELECT 1000UF	20.00% 35V	C1405	1-104-665-11	ELECT 100UF	20.00% 25V
C1224	1-111-216-91	ELECT 150UF	20.00% 63V	C1406	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V
C1225	1-164-222-91	CERAMIC CHIP 0.22UF	25V	C1407	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1226	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1408	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C1227	1-126-952-11	ELECT 1000UF	20.00% 35V	C1409	1-165-112-11	CERAMIC CHIP 0.33UF	16V
C1228	1-126-961-11	ELECT 2.2UF	20.00% 50V	C1410	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C1229	1-126-944-11	ELECT 3300UF	20.00% 25V	C1412	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1230	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1413	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1231	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C1414	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1232	1-126-947-11	ELECT 47UF	20.00% 35V	C1416	1-104-665-11	ELECT 100UF	20.00% 25V
C1233	1-164-346-11	CERAMIC CHIP 1UF	16V	C1418	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1234	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C1419	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V
C1235	1-164-346-11	CERAMIC CHIP 1UF	16V	C1420	1-165-112-11	CERAMIC CHIP 0.33UF	16V
C1236	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C1424	1-126-963-11	ELECT 4.7UF	20.00% 50V
C1237	1-126-944-11	ELECT 3300UF	20.00% 25V	C1425	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C1238	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C1426	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C1239	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V	C1430	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C1242	1-163-087-00	CERAMIC CHIP 4PF	0.25PF 50V	C1431	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1245	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V	C1432	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1247	1-126-964-11	ELECT 10UF	20.00% 50V	C1434	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1249	1-126-964-11	ELECT 10UF	20.00% 50V	C1436	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1250	1-126-947-11	ELECT 47UF	20.00% 35V	C1437	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1251	1-163-107-00	CERAMIC CHIP 39PF	5.00% 50V	C1438	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1252	1-126-947-11	ELECT 47UF	20.00% 35V	C1439	1-137-581-11	FILM 0.1UF	5.00% 100V
C1254	1-165-319-11	CERAMIC CHIP 0.1UF	50V	C1440	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C1255	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1441	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C1256	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C1443	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C1257	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1444	1-126-947-11	ELECT 47UF	20.00% 35V
C1258	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1447	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1264	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C1451	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1265	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V	C1452	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1270	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V	C1455	1-126-947-11	ELECT 47UF	20.00% 35V
C1271	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V	C1457	1-104-665-11	ELECT 100UF	20.00% 25V
C1273	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C1458	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V
C1274	1-163-241-11	CERAMIC CHIP 39PF	5.00% 50V	C1459	1-126-963-11	ELECT 4.7UF	20.00% 50V
C1275	1-104-665-11	ELECT 100UF	20.00% 25V	C1460	1-126-963-11	ELECT 4.7UF	20.00% 50V
C1276	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C1461	1-162-966-11	CERAMIC CHIP 0.0022UF	10.00% 50V
C1277	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C1462	1-126-947-11	ELECT 47UF	20.00% 35V
C1278	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C1464	1-164-222-91	CERAMIC CHIP 0.22UF	25V
C1281	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C1475	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1282	1-126-964-11	ELECT 10UF	20.00% 50V	C1476	1-126-933-11	ELECT 100UF	20.00% 16V
C1283	1-126-947-11	ELECT 47UF	20.00% 35V	C1703	1-128-527-11	ELECT 330UF	20.00% 25V
C1284	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C1704	1-126-968-11	ELECT 100UF	20.00% 50V
C1285	1-164-506-11	CERAMIC CHIP 4.7UF	16V	C1705	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C1286	1-126-947-11	ELECT 47UF	20.00% 35V	C1706	1-137-401-11	MYLAR 0.22UF	5.00% 100V
C1287	1-126-947-11	ELECT 47UF	20.00% 35V	C1707	1-102-228-00	CERAMIC 470PF	10.00% 500V

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
C1708	1-106-220-00	MYLAR 0.1UF	10.00% 100V	C1858	1-162-923-11	CERAMIC CHIP 47PF	5.00% 50V
C1709	1-129-702-00	MYLAR 0.001UF	10.00% 400V	C1859	1-104-665-11	ELECT 100UF	20.00% 25V
C1710	1-130-785-11	MYLAR 0.47UF	5.00% 100V	C1861	1-126-941-11	ELECT 470UF	20.00% 25V
C1711	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C1950	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1712	1-126-968-11	ELECT 100UF	20.00% 50V	C1951	1-136-165-00	FILM 0.1UF	5.00% 50V
C1715	1-162-964-11	CERAMIC CHIP 0.001UF	10.00% 50V	C1952	1-126-947-11	ELECT 47UF	20.00% 35V
C1720	1-126-964-11	ELECT 10UF	20.00% 50V	C1953	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1721	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V	C1970	1-126-964-11	ELECT 10UF	20.00% 50V
C1722	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V	C1971	1-126-964-11	ELECT 10UF	20.00% 50V
C1800	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	C1972	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1801	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V	C1973	1-162-970-11	CERAMIC CHIP 0.01UF	10.00% 25V
C1802	1-126-947-11	ELECT 47UF	20.00% 35V	C1974	1-126-964-11	ELECT 10UF	20.00% 50V
C1803	1-164-222-91	CERAMIC CHIP 0.22UF	25V	C1975	1-126-964-11	ELECT 10UF	20.00% 50V
C1804	1-163-809-11	CERAMIC CHIP 0.047UF	10.00% 25V	C1980	1-164-156-11	CERAMIC CHIP 0.1UF	25V
C1805	1-164-182-11	CERAMIC CHIP 0.0033UF	10.00% 50V	C1981	1-107-826-11	CERAMIC CHIP 0.1UF	10.00% 16V
C1806	1-163-809-11	CERAMIC CHIP 0.047UF	10.00% 25V	< CERAMIC TRAP >			
C1807	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	CF1270	1-781-328-21	TRAP, CERAMIC	
C1808	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	< CONNECTOR >			
C1813	1-102-106-00	CERAMIC 100PF	10.00% 50V	CN1000	1-793-494-11	CONNECTOR, BOARD TO BOARD 40P	
C1814	1-126-947-11	ELECT 47UF	20.00% 35V	CN1001	1-793-495-11	CONNECTOR, BOARD TO BOARD 50P	
C1816	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	CN1004	1-695-915-11	TAB (CONTACT)	
C1817	1-126-964-11	ELECT 10UF	20.00% 50V	CN1006	1-695-915-11	TAB (CONTACT)	
C1820	1-136-177-00	FILM 1UF	5.00% 50V	CN1201	* 1-564-507-11	PLUG, CONNECTOR 4P	
C1821	1-126-965-91	ELECT 22UF	20.00% 50V	CN1202	* 1-564-507-11	PLUG, CONNECTOR 4P	
C1822	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	CN1251	1-695-915-11	TAB (CONTACT)	
C1823	1-136-177-00	FILM 1UF	5.00% 50V	CN1602	* 1-564-508-11	PLUG, CONNECTOR 5P	
C1824	1-164-222-91	CERAMIC CHIP 0.22UF	25V	CN1701	1-764-334-11	PIN, CONNECTOR(PCB) (V TYPE) 11P	
C1825	1-164-222-91	CERAMIC CHIP 0.22UF	25V	CN1706	* 1-564-511-11	PLUG, CONNECTOR 8P	
C1826	1-126-947-11	ELECT 47UF	20.00% 35V	CN1802	* 1-564-511-11	PLUG, CONNECTOR 8P	
C1827	1-164-336-11	CERAMIC CHIP 0.33UF	25V	CN1803	* 1-564-508-11	PLUG, CONNECTOR 5P	
C1828	1-163-127-00	CERAMIC CHIP 270PF	5.00% 50V	CN1804	* 1-564-511-11	PLUG, CONNECTOR 8P	
C1829	1-164-336-11	CERAMIC CHIP 0.33UF	25V	CN1805	1-764-333-11	PIN, CONNECTOR(PCB) (V TYPE) 10P	
C1830	1-115-339-11	CERAMIC CHIP 0.1UF	10.00% 50V	CN1807	* 1-564-510-11	PLUG, CONNECTOR 7P	
C1831	1-102-106-00	CERAMIC 100PF	10.00% 50V	CN1901	* 1-564-506-11	PLUG, CONNECTOR 3P	
C1832	1-164-222-91	CERAMIC CHIP 0.22UF	25V	CN1902	* 1-564-506-11	PLUG, CONNECTOR 3P	
C1833	1-136-558-11	FILM 0.0039UF	5.00% 630V	CN1903	1-691-772-11	PLUG (MICRO CONNECTOR) 10P	
C1837	1-136-153-00	FILM 0.01UF	5.00% 50V	CN1999	* 1-564-520-11	PLUG, CONNECTOR 5P	
C1838	1-163-989-11	CERAMIC CHIP 0.033UF	10.00% 25V	CN2000	* 1-564-516-11	PLUG, CONNECTOR 13P	
C1840	1-130-467-00	MYLAR 470PF	5.00% 50V	CN7109	1-793-495-11	CONNECTOR, BOARD TO BOARD 50P	
C1841	1-163-989-11	CERAMIC CHIP 0.033UF	10.00% 25V	< COMPOSITION CIRCUIT BLOCK >			
C1842	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V	CP1100	1-417-290-11	RF SPLITTER	
C1843	1-137-499-11	FILM 0.015UF	5.00% 630V	< DIODE >			
C1847	1-126-947-11	ELECT 47UF	20.00% 35V	D1003	8-719-914-43	DIODE DAN202K	
C1850	1-126-947-11	ELECT 47UF	20.00% 35V	D1004	8-719-914-43	DIODE DAN202K	
C1851	1-136-165-00	FILM 0.1UF	5.00% 50V	D1005	8-719-500-70	DIODE D5S4M	
C1852	1-137-194-81	FILM 0.47UF	5.00% 50V				
C1853	1-164-222-91	CERAMIC CHIP 0.22UF	25V				
C1854	1-126-947-11	ELECT 47UF	20.00% 35V				
C1855	1-126-947-11	ELECT 47UF	20.00% 35V				
C1856	1-164-222-91	CERAMIC CHIP 0.22UF	25V				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
D1006	8-719-500-70	DIODE D5S4M		< FERRITE BEAD >			
D1007	8-719-914-44	DIODE DAP202K		FB1003	1-535-143-61	LEAD, JUMPER (5.0MM)	
D1008	8-719-914-44	DIODE DAP202K		FB1004	1-535-143-61	LEAD, JUMPER (5.0MM)	
D1009	8-719-069-55	DIODE UDZSTE-175.6B		FB1005	1-414-766-22	FERRITE	0UH
D1010	8-719-914-43	DIODE DAN202K		FB1006	1-414-766-22	FERRITE	0UH
				FB1007	1-414-766-22	FERRITE	0UH
D1011	8-719-069-55	DIODE UDZSTE-175.6B					
D1012	8-719-083-60	DIODE UDZSTE-174.7B		FB1008	1-414-766-22	FERRITE	0UH
D1013	8-719-069-56	DIODE UDZSTE-176.2B		FB1009	1-414-766-22	FERRITE	0UH
D1014	8-719-069-56	DIODE UDZSTE-176.2B		FB1010	1-414-766-22	FERRITE	0UH
D1015	8-719-063-73	DIODE D1NL20U-TR		FB1011	1-216-295-91	SHORT CHIP	0
				FB1012	1-216-295-91	SHORT CHIP	0
D1016	8-719-069-55	DIODE UDZSTE-175.6B					
D1017	8-719-063-73	DIODE D1NL20U-TR		FB1013	1-535-143-61	LEAD, JUMPER (5.0MM)	
D1018	8-719-500-70	DIODE D5S4M		FB1014	1-414-766-22	FERRITE	0UH
D1019	8-719-069-55	DIODE UDZSTE-175.6B		FB1015	1-414-766-22	FERRITE	0UH
D1070	8-719-914-44	DIODE DAP202K		FB1016	1-414-766-22	FERRITE	0UH
				FB1017	1-414-766-22	FERRITE	0UH
D1201	8-719-914-43	DIODE DAN202K					
D1202	8-719-914-44	DIODE DAP202K		FB1018	1-414-766-22	FERRITE	0UH
D1203	8-719-914-44	DIODE DAP202K		FB1019	1-414-766-22	FERRITE	0UH
D1204	8-719-914-43	DIODE DAN202K		FB1020	1-414-766-22	FERRITE	0UH
D1205	8-719-914-43	DIODE DAN202K		FB1021	1-414-766-22	FERRITE	0UH
				FB1022	1-414-766-22	FERRITE	0UH
D1206	8-719-083-60	DIODE UDZSTE-174.7B					
D1207	8-719-421-57	DIODE MA73-TX		FB1201	1-410-397-21	FERRITE	1.1UH
D1209	8-719-069-54	DIODE UDZSTE-175.1B		FB1202	1-410-397-21	FERRITE	1.1UH
D1210	8-719-510-02	DIODE D1NS4		FB1203	1-414-766-22	FERRITE	0UH
D1211	8-719-510-02	DIODE D1NS4		FB1204	1-469-350-21	FERRITE	0UH
				FB1801	1-414-234-22	FERRITE	0UH
D1235	8-719-083-82	DIODE UDZS-TE17-12B					
D1236	8-719-083-82	DIODE UDZS-TE17-12B		FB1802	1-414-234-22	FERRITE	0UH
D1239	8-719-110-09	DIODE RD8.2ESB3		FB1803	1-414-234-22	FERRITE	0UH
D1403	8-719-914-43	DIODE DAN202K					
D1406	8-719-069-60	DIODE UDZSTE-179.1B					
				< FILTER >			
D1701	8-719-110-49	DIODE RD18ESB2		FL1010	1-233-736-21	FILTER, EMI	
D1702	8-719-908-03	DIODE GP08D		FL1011	1-239-899-21	FERRITE	0UH
D1703	8-719-110-41	DIODE RD15ESB2		FL1231	1-236-071-11	ENCAPSULATED COMPONENT	
D1704	8-719-081-97	DIODE MMDL914T1		FL1232	1-236-071-11	ENCAPSULATED COMPONENT	
D1705	8-719-081-97	DIODE MMDL914T1		FL1270	1-233-764-21	FILTER	
D1801	8-719-914-43	DIODE DAN202K		< IC >			
D1802	8-719-914-43	DIODE DAN202K		IC1005	8-759-450-47	IC BA05T	
D1803	8-719-914-43	DIODE DAN202K		IC1006	8-759-640-19	IC PQ1CG2032FZ	
D1804	8-719-914-43	DIODE DAN202K		IC1007	8-759-640-19	IC PQ1CG2032FZ	
D1805	8-719-105-82	DIODE RD5.1M-B2		IC1008	8-752-072-94	IC CXA1875AM-T4	
				IC1009	8-759-701-59	IC NJM78M09FA	
D1806	8-719-914-43	DIODE DAN202K					
D1807	8-719-914-43	DIODE DAN202K		IC1010	8-759-640-19	IC PQ1CG2032FZ	
D1808	8-719-914-43	DIODE DAN202K		IC1011	8-759-450-47	IC BA05T	
D1809	8-719-987-87	DIODE ERA85-009		IC1012	8-759-445-59	IC BA033T	
D1810	8-719-991-33	DIODE 1SS133T-77		IC1102	8-759-712-65	IC PQ070XZ01ZP	
				IC1201	8-759-544-25	IC TDA7482	
D1811	8-719-914-43	DIODE DAN202K					
D1813	8-719-063-73	DIODE D1NL20U-TR		IC1202	8-759-333-24	IC LM1876TF	
D1814	8-719-914-43	DIODE DAN202K		IC1231	6-701-031-01	IC MSP3411G-QA-B10	
D1816	8-719-911-19	DIODE 1SS119-25					
D1901	1-216-295-91	SHORT CHIP	0				

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

A

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
IC1270	8-759-701-36	IC NJM3403AM		< TRANSISTOR >			
IC1402	8-752-100-26	IC CXA2150AQ-TL		Q1001	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
IC1701	8-759-696-71	IC STV9379A		Q1002	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
IC1801	8-759-665-11	IC LM393DT		Q1003	8-729-027-38	TRANSISTOR DTA144EKA-T146	
IC1802	8-759-998-98	IC LM358D		Q1004	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1005	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC1803	8-759-567-08	IC MB88141APF-ER					
IC1804	8-759-665-11	IC LM393DT		Q1006	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
IC1806	8-759-595-52	IC CXA8070AP		Q1007	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
IC1808	8-759-665-11	IC LM393DT		Q1008	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC1809	8-759-903-16	IC LM318P		Q1011	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1012	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
IC1811	8-759-803-42	IC LA6500-FA					
IC1812	8-759-394-35	IC BA12T		Q1070	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC1950	8-759-803-42	IC LA6500-FA		Q1071	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
< COIL >				Q1072	1-801-806-11	TRANSISTOR DTC144EKA	
L1003	1-414-934-21	INDUCTOR	10UH	Q1100	1-801-806-11	TRANSISTOR DTC144EKA	
L1004	1-412-525-31	INDUCTOR	10UH	Q1201	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1005	1-412-525-31	INDUCTOR	10UH				
L1007	1-419-249-11	INDUCTOR	15UH	Q1202	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1008	1-419-249-11	INDUCTOR	15UH	Q1203	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1204	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1009	1-419-249-11	INDUCTOR	15UH	Q1205	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1010	1-419-249-11	INDUCTOR	15UH	Q1207	1-801-806-11	TR DTC144EKA	
L1015	1-412-979-21	INDUCTOR	1UH				
L1016	1-412-979-21	INDUCTOR	1UH	Q1270	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1017	1-419-249-11	INDUCTOR	15UH	Q1271	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1272	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1018	1-419-249-11	INDUCTOR	15UH	Q1402	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1019	1-412-525-31	INDUCTOR	10UH	Q1406	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1100	1-414-934-21	INDUCTOR	10UH				
L1201	1-416-857-11	INDUCTOR	65UH	Q1407	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1202	1-414-158-11	INDUCTOR	2.2UH	Q1410	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
				Q1411	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1203	1-414-158-11	INDUCTOR	2.2UH	Q1412	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1233	1-414-934-21	INDUCTOR	10UH	Q1413	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1270	1-412-006-31	INDUCTOR	10UH				
L1272	1-408-615-31	INDUCTOR	100UH	Q1422	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1401	1-414-934-21	INDUCTOR	10UH	Q1423	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1701	8-729-039-68	TRANSISTOR IRF620	
L1402	1-414-934-21	INDUCTOR	10UH	Q1801	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1403	1-414-934-21	INDUCTOR	10UH	Q1802	1-801-806-11	TRANSISTOR DTC144EKA	
L1404	1-414-934-21	INDUCTOR	10UH				
L1405	1-414-934-21	INDUCTOR	10UH	Q1803	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1406	1-414-934-21	INDUCTOR	10UH	Q1804	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1805	8-729-140-93	TRANSISTOR 2SB733-34	
L1701	1-412-524-11	INDUCTOR	8.2UH	Q1806	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1801	1-416-920-11	INDUCTOR	10MH	Q1807	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
L1802	1-406-989-21	INDUCTOR	10MH				
L1803	1-414-934-21	INDUCTOR	10UH	Q1808	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
< PROTECTOR MODULE >				Q1809	8-729-046-33	TRANSISTOR IRF720-LF49	
PS1011 Δ	1-801-549-21	PROTECTOR, MODULE 4A	MP250	Q1811	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
PS1012 Δ	1-801-549-21	PROTECTOR, MODULE 4A	MP250	Q1812	8-729-045-04	TRANSISTOR 2SC5511	
				Q1813	8-729-017-05	TRANSISTOR 2SA1837	
				Q1970	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1971	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
				Q1972	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
Q1973	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R				R1057	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
	< RESISTOR >					R1058	1-216-835-11	RES-CHIP	15K	5%	1/10W
JR1006	1-216-864-11	SHORT CHIP	0			R1059	1-216-829-11	RES-CHIP	4.7K	5%	1/10W
JR1007	1-216-864-11	SHORT CHIP	0			R1060	1-216-821-11	RES-CHIP	1K	5%	1/10W
JR1238	1-216-295-91	SHORT CHIP	0			R1063	1-216-864-11	SHORT CHIP	0		
R1007	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1066	1-216-864-11	SHORT CHIP	0		
R1009	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1068	1-216-829-11	RES-CHIP	4.7K	5%	1/10W
R1011	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1069	1-216-829-11	RES-CHIP	4.7K	5%	1/10W
R1012	1-216-864-11	SHORT CHIP	0			R1070	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1013	1-216-824-11	RES-CHIP	1.8K	5%	1/10W	R1071	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1014	1-216-295-91	SHORT CHIP	0			R1072	1-216-821-11	RES-CHIP	1K	5%	1/10W
R1015	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1073	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1016	1-216-809-11	RES-CHIP	100	5%	1/10W	R1074	1-216-864-11	SHORT CHIP	0		
R1018	1-216-817-11	RES-CHIP	470	5%	1/10W	R1075	1-216-821-11	RES-CHIP	1K	5%	1/10W
R1019	1-216-817-11	RES-CHIP	470	5%	1/10W	R1076	1-216-829-11	RES-CHIP	4.7K	5%	1/10W
R1020	1-216-817-11	RES-CHIP	470	5%	1/10W	R1078	1-216-864-11	SHORT CHIP	0		
R1021	1-216-841-11	RES-CHIP	47K	5%	1/10W	R1079	1-216-841-11	RES-CHIP	47K	5%	1/10W
R1022	1-216-834-11	RES-CHIP	12K	5%	1/10W	R1082	1-216-864-11	SHORT CHIP	0		
R1023	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1084	1-414-766-22	FERRITE	0UH		
R1024	1-216-809-11	RES-CHIP	100	5%	1/10W	R1085	1-414-766-22	FERRITE	0UH		
R1025	1-216-817-11	RES-CHIP	470	5%	1/10W	R1087	1-216-295-91	SHORT CHIP	0		
R1026	1-216-817-11	RES-CHIP	470	5%	1/10W	R1088	1-216-864-11	SHORT CHIP	0		
R1027	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R1089	1-216-864-11	SHORT CHIP	0		
R1028	1-216-797-11	RES-CHIP	10	5%	1/10W	R1093	1-216-295-91	SHORT CHIP	0		
R1029	1-216-817-11	RES-CHIP	470	5%	1/10W	R1095	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1030	1-216-818-11	RES-CHIP	560	5%	1/10W	R1096	1-216-864-11	SHORT CHIP	0		
R1033	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R1097	1-216-864-11	SHORT CHIP	0		
R1034	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R1099	1-216-864-11	SHORT CHIP	0		
R1035	1-216-650-11	METAL CHIP	910	0.5%	1/10W	R1100	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1036	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R1101	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1037	1-216-652-11	METAL CHIP	1.1K	0.5%	1/10W	R1102	1-216-809-11	RES-CHIP	100	5%	1/10W
R1038	1-218-851-11	METAL CHIP	1.5K	0.5%	1/10W	R1103	1-216-864-11	SHORT CHIP	0		
R1039	1-216-809-11	RES-CHIP	100	5%	1/10W	R1104	1-216-864-11	SHORT CHIP	0		
R1040	1-216-809-11	RES-CHIP	100	5%	1/10W	R1107	1-216-864-11	SHORT CHIP	0		
R1041	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1114	1-216-864-11	SHORT CHIP	0		
R1042	1-216-809-11	RES-CHIP	100	5%	1/10W	R1117	1-216-864-11	SHORT CHIP	0		
R1043	1-216-809-11	RES-CHIP	100	5%	1/10W	R1118	1-216-864-11	SHORT CHIP	0		
R1044	1-216-809-11	RES-CHIP	100	5%	1/10W	R1119	1-216-864-11	SHORT CHIP	0		
R1045	1-216-809-11	RES-CHIP	100	5%	1/10W	R1120	1-216-864-11	SHORT CHIP	0		
R1046	1-216-809-11	RES-CHIP	100	5%	1/10W	R1121	1-216-864-11	SHORT CHIP	0		
R1047	1-216-864-11	SHORT CHIP	0			R1122	1-216-864-11	SHORT CHIP	0		
R1048	1-216-295-91	SHORT CHIP	0			R1123	1-216-864-11	SHORT CHIP	0		
R1049	1-216-809-11	RES-CHIP	100	5%	1/10W	R1124	1-216-864-11	SHORT CHIP	0		
R1050	1-216-809-11	RES-CHIP	100	5%	1/10W	R1127	1-216-864-11	SHORT CHIP	0		
R1051	1-218-837-11	METAL CHIP	390	0.5%	1/10W	R1130	1-216-864-11	SHORT CHIP	0		
R1052	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R1131	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1054	1-216-864-11	SHORT CHIP	0			R1132	1-216-809-11	RES-CHIP	100	5%	1/10W
R1055	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1133	1-216-809-11	RES-CHIP	100	5%	1/10W
						R1135	1-216-864-11	SHORT CHIP	0		
						R1137	1-216-864-11	SHORT CHIP	0		

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R1138	1-216-864-11	SHORT CHIP	0	R1261	1-216-809-11	RES-CHIP	100 5% 1/10W
R1139	1-216-864-11	SHORT CHIP	0	R1270	1-216-815-11	RES-CHIP	330 5% 1/10W
R1144	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1272	1-216-821-11	RES-CHIP	1K 5% 1/10W
R1145	1-216-650-11	METAL CHIP	910 0.5% 1/10W	R1273	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
R1146	1-216-661-11	METAL CHIP	2.7K 0.5% 1/10W	R1274	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
R1150	1-216-864-11	SHORT CHIP	0	R1275	1-216-821-11	RES-CHIP	1K 5% 1/10W
R1151	1-216-864-11	SHORT CHIP	0	R1276	1-216-821-11	RES-CHIP	1K 5% 1/10W
R1152	1-216-864-11	SHORT CHIP	0	R1277	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1198	1-216-864-11	SHORT CHIP	0	R1278	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1199	1-216-864-11	SHORT CHIP	0	R1279	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1201	1-216-817-11	RES-CHIP	470 5% 1/10W	R1280	1-218-899-11	METAL CHIP	150K 0.5% 1/16W
R1202	1-249-422-11	CARBON	2.7K 5% 1/4W	R1281	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1203	1-249-422-11	CARBON	2.7K 5% 1/4W	R1283	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1204	1-249-422-11	CARBON	2.7K 5% 1/4W	R1284	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1205	1-216-809-11	RES-CHIP	100 5% 1/10W	R1286	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1207	1-216-357-00	METAL OXIDE	4.7 5% 1W	R1287	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1208	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R1288	1-216-818-11	RES-CHIP	560 5% 1/10W
R1209	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R1289	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W
R1210	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1290	1-216-828-11	RES-CHIP	3.9K 5% 1/10W
R1211	1-216-828-11	RES-CHIP	3.9K 5% 1/10W	R1293	1-216-864-11	SHORT CHIP	0
R1212	1-216-828-11	RES-CHIP	3.9K 5% 1/10W	R1297	1-216-864-11	SHORT CHIP	0
R1213	1-216-357-00	METAL OXIDE	4.7 5% 1W	R1406	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1214	1-216-296-11	SHORT CHIP	0	R1411	1-216-809-11	RES-CHIP	100 5% 1/10W
R1215	1-216-631-11	METAL CHIP	150 0.5% 1/10W	R1412	1-216-809-11	RES-CHIP	100 5% 1/10W
R1216	1-216-837-11	RES-CHIP	22K 5% 1/10W	R1413	1-216-809-11	RES-CHIP	100 5% 1/10W
R1217	1-216-819-11	RES-CHIP	680 5% 1/10W	R1414	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R1218	1-216-837-11	RES-CHIP	22K 5% 1/10W	R1416	1-216-835-11	RES-CHIP	15K 5% 1/10W
R1219	1-216-819-11	RES-CHIP	680 5% 1/10W	R1417	1-216-809-11	RES-CHIP	100 5% 1/10W
R1220	1-216-833-11	RES-CHIP	10K 5% 1/10W	R1422	1-216-817-11	RES-CHIP	470 5% 1/10W
R1221	1-216-296-11	SHORT CHIP	0	R1427	1-216-864-11	SHORT CHIP	0
R1222	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1428	1-218-863-11	METAL CHIP	4.7K 0.5% 1/10W
R1223	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1434	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1224	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1435	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1225	1-216-838-11	RES-CHIP	27K 5% 1/10W	R1437	1-216-809-11	RES-CHIP	100 5% 1/10W
R1227	1-216-832-11	RES-CHIP	8.2K 5% 1/10W	R1441	1-216-295-91	SHORT CHIP	0
R1229	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1443	1-216-809-11	RES-CHIP	100 5% 1/10W
R1230	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1444	1-216-863-11	RES-CHIP	3.3M 5% 1/10W
R1232	1-216-833-11	RES-CHIP	10K 5% 1/10W	R1445	1-216-826-11	RES-CHIP	2.7K 5% 1/10W
R1234	1-216-837-11	RES-CHIP	22K 5% 1/10W	R1447	1-216-827-11	RES-CHIP	3.3K 5% 1/10W
R1237	1-249-401-11	CARBON	47 5% 1/4W	R1448	1-216-809-11	RES-CHIP	100 5% 1/10W
R1238	1-216-295-91	SHORT CHIP	0	R1450	1-216-809-11	RES-CHIP	100 5% 1/10W
R1239	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1451	1-216-809-11	RES-CHIP	100 5% 1/10W
R1240	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1452	1-216-295-91	SHORT CHIP	0
R1241	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1453	1-216-295-91	SHORT CHIP	0
R1242	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1454	1-216-809-11	RES-CHIP	100 5% 1/10W
R1244	1-216-841-11	RES-CHIP	47K 5% 1/10W	R1456	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1246	1-216-864-11	SHORT CHIP	0	R1457	1-216-809-11	RES-CHIP	100 5% 1/10W
R1248	1-216-864-11	SHORT CHIP	0	R1459	1-216-809-11	RES-CHIP	100 5% 1/10W
R1256	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1460	1-216-809-11	RES-CHIP	100 5% 1/10W
R1260	1-216-809-11	RES-CHIP	100 5% 1/10W	R1461	1-216-809-11	RES-CHIP	100 5% 1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK			REF.NO.	PART.NO	DESCRIPTION	REMARK		
R1462	1-216-809-11	RES-CHIP	100	5%	1/10W	R1803	1-216-845-11	RES-CHIP	100K	5%	1/10W
R1463	1-216-809-11	RES-CHIP	100	5%	1/10W	R1804	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1464	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R1805	1-216-845-11	RES-CHIP	100K	5%	1/10W
R1466	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1806	1-216-817-11	RES-CHIP	470	5%	1/10W
R1468	1-216-864-11	SHORT CHIP	0			R1807	1-208-806-11	METAL CHIP	10K	0.5%	1/10W
R1469	1-216-809-11	RES-CHIP	100	5%	1/10W	R1809	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1470	1-216-809-11	RES-CHIP	100	5%	1/10W	R1811	1-216-825-11	RES-CHIP	2.2K	5%	1/10W
R1471	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1812	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1472	1-218-271-11	RES-CHIP	2K	5%	1/10W	R1813	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1473	1-216-809-11	RES-CHIP	100	5%	1/10W	R1814	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1483	1-216-809-11	RES-CHIP	100	5%	1/10W	R1815	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1486	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	R1816	1-216-809-11	RES-CHIP	100	5%	1/10W
R1487	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1817	1-216-809-11	RES-CHIP	100	5%	1/10W
R1488	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1819	1-216-809-11	RES-CHIP	100	5%	1/10W
R1489	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1820	1-216-809-11	RES-CHIP	100	5%	1/10W
R1490	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1821	1-216-809-11	RES-CHIP	100	5%	1/10W
R1491	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1823	1-216-809-11	RES-CHIP	100	5%	1/10W
R1492	1-216-833-11	RES-CHIP	10K	5%	1/10W	R1825	1-216-809-11	RES-CHIP	100	5%	1/10W
R1493	1-216-845-11	RES-CHIP	100K	5%	1/10W	R1826	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1494	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1828	1-216-864-11	SHORT CHIP	0		
R1495	1-218-889-11	METAL CHIP	56K	0.5%	1/10W	R1829	1-216-821-11	RES-CHIP	1K	5%	1/10W
R1496	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1830	1-216-295-91	SHORT CHIP	0		
R1497	1-216-821-11	RES-CHIP	1K	5%	1/10W	R1831	1-216-842-11	RES-CHIP	56K	5%	1/10W
R1499	1-216-818-11	RES-CHIP	560	5%	1/10W	R1834	1-216-841-11	RES-CHIP	47K	5%	1/10W
R1500	1-216-864-11	SHORT CHIP	0			R1835	1-216-813-11	RES-CHIP	220	5%	1/10W
R1501	1-216-829-11	RES-CHIP	4.7K	5%	1/10W	R1838	1-216-827-11	RES-CHIP	3.3K	5%	1/10W
R1505	1-216-864-11	SHORT CHIP	0			R1839	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1506	1-216-864-11	SHORT CHIP	0			R1840	1-216-821-11	RES-CHIP	1K	5%	1/10W
R1507	1-216-864-11	SHORT CHIP	0			R1841	1-216-811-11	RES-CHIP	150	5%	1/10W
R1519	1-216-864-11	SHORT CHIP	0			R1842	1-216-811-11	RES-CHIP	150	5%	1/10W
R1520	1-216-864-11	SHORT CHIP	0			R1843	1-216-811-11	RES-CHIP	150	5%	1/10W
R1521	1-216-864-11	SHORT CHIP	0			R1844	1-216-833-11	RES-CHIP	10K	5%	1/10W
R1522	1-216-864-11	SHORT CHIP	0			R1846	1-216-825-11	RES-CHIP	2.2K	5%	1/10W
R1701	1-208-800-11	METAL CHIP	5.6K	0.5%	1/10W	R1847	1-216-809-11	RES-CHIP	100	5%	1/10W
R1702	1-208-800-11	METAL CHIP	5.6K	0.5%	1/10W	R1848	1-216-809-11	RES-CHIP	100	5%	1/10W
R1703	1-208-794-11	METAL CHIP	3.3K	0.5%	1/10W	R1852	1-215-906-11	METAL OXIDE	15	5%	3W
R1704	1-208-794-11	METAL CHIP	3.3K	0.5%	1/10W	R1853	1-216-821-11	RES-CHIP	1K	5%	1/10W
R1705	1-249-383-11	CARBON	1.5	5%	1/4W	R1854	1-216-853-11	RES-CHIP	470K	5%	1/10W
R1706	1-249-389-11	CARBON	4.7	5%	1/4W	R1855	1-208-794-11	METAL CHIP	3.3K	0.5%	1/10W
R1707	1-247-791-91	CARBON	22	5%	1/4W	R1856	1-216-849-11	RES-CHIP	220K	5%	1/10W
R1708	1-215-913-11	METAL OXIDE	220	5%	3W	R1861	1-208-798-11	METAL CHIP	4.7K	0.5%	1/10W
R1709	1-214-798-21	METAL	1.8	1%	1/2W	R1862	1-216-827-11	RES-CHIP	3.3K	5%	1/10W
R1710	1-216-827-11	RES-CHIP	3.3K	5%	1/10W	R1863	1-216-825-11	RES-CHIP	2.2K	5%	1/10W
R1711	1-214-798-21	METAL	1.8	1%	1/2W	R1864	1-216-827-11	RES-CHIP	3.3K	5%	1/10W
R1714	1-216-826-11	RES-CHIP	2.7K	5%	1/10W	R1865	1-216-825-11	RES-CHIP	2.2K	5%	1/10W
R1721	1-216-843-11	RES-CHIP	68K	5%	1/10W	R1867	1-216-845-11	RES-CHIP	100K	5%	1/10W
R1722	1-216-832-11	RES-CHIP	8.2K	5%	1/10W	R1868	1-216-845-11	RES-CHIP	100K	5%	1/10W
R1723	1-216-838-11	RES-CHIP	27K	5%	1/10W	R1869	1-260-321-71	CARBON	270	5%	1/2W
R1801	1-216-841-11	RES-CHIP	47K	5%	1/10W	R1870	1-216-822-11	RES-CHIP	1.2K	5%	1/10W
R1802	1-216-825-11	RES-CHIP	2.2K	5%	1/10W	R1871	1-216-809-11	RES-CHIP	100	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
R1872	1-216-809-11	RES-CHIP	100 5% 1/10W	R1966	1-216-855-91	RES-CHIP	680K 5% 1/10W
R1874	1-216-821-11	RES-CHIP	1K 5% 1/10W	R1967	1-216-844-91	RES CHIP	82K 5% 1/10W
R1876	1-218-873-11	METAL CHIP	12K 0.5% 1/10W	R1968	1-218-885-91	RES CHIP	39K 0.5% 1/10W
R1879	1-208-804-11	METAL CHIP	8.2K 0.5% 1/10W	R1969	1-218-875-91	RES-CHIP	15K 0.5% 1/10W
R1880	1-216-847-11	RES-CHIP	150K 5% 1/10W	R1970	1-216-829-11	RES-CHIP	4.7K 5% 1/10W
R1882	1-208-790-11	METAL CHIP	2.2K 0.5% 1/10W	R1971	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1883	1-216-821-11	RES-CHIP	1K 5% 1/10W	R1972	1-216-829-11	RES-CHIP	4.7K 5% 1/10W
R1886	1-216-837-11	RES-CHIP	22K 5% 1/10W	R1973	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1888	1-216-850-11	RES-CHIP	270K 5% 1/10W	R1974	1-216-825-11	RES-CHIP	2.2K 5% 1/10W
R1890	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R1975	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1891	1-216-641-11	METAL CHIP	390 0.5% 1/10W	R1976	1-216-846-11	RES-CHIP	120K 5% 1/10W
R1892	1-208-790-11	METAL CHIP	2.2K 0.5% 1/10W	R1977	1-216-839-11	RES-CHIP	33K 5% 1/10W
R1893	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	R1978	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1894	1-216-829-11	RES-CHIP	4.7K 5% 1/10W	R1979	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1897	1-216-845-11	RES-CHIP	100K 5% 1/10W	R1982	1-216-837-11	RES-CHIP	22K 5% 1/10W
R1898	1-208-806-11	METAL CHIP	10K 0.5% 1/10W	R1983	1-216-849-11	RES-CHIP	220K 5% 1/10W
R1899	1-216-821-11	RES-CHIP	1K 5% 1/10W	R1984	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1900	1-216-864-11	SHORT CHIP	0	R1985	1-216-841-11	RES-CHIP	47K 5% 1/10W
R1904	1-218-859-11	METAL CHIP	3.3K 0.5% 1/10W	R1986	1-216-843-91	RES-CHIP	68K 5% 1/10W
R1905	1-218-756-11	METAL CHIP	150K 0.5% 1/10W	R1987	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R1906	1-208-782-11	METAL CHIP	1K 0.5% 1/10W	R1988	1-218-887-11	RES CHIP	68K 0.5% 1/10W
R1908	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	R1989	1-216-833-11	RES-CHIP	10K 5% 1/10W
R1909	1-208-798-11	METAL CHIP	4.7K 0.5% 1/10W	R1990	1-216-839-11	RES-CHIP	33K 5% 1/10W
R1910	1-216-833-11	RES-CHIP	10K 5% 1/10W	R1995	1-216-843-11	RES-CHIP	68K 5% 1/10W
R1911	1-218-760-11	METAL CHIP	220K 0.5% 1/10W	< THERMISTOR >			
R1912	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W	TH1701	1-800-193-00	THERMISTOR	
R1914	1-216-809-11	RES-CHIP	100 5% 1/10W	< CRYSTAL >			
R1915	1-216-839-91	RES-CHIP	33K 5% 1/10W	X1231	1-781-148-21	VIBRATOR, CRYSTAL	
R1916	1-216-353-00	METAL OXIDE	2.2 5% 1W	X1401	1-760-895-21	VIBRATOR, CERAMIC	
R1918	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	A Board Variant Parts KV-36FS76B			
R1919	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	< TUNER >			
R1922	1-218-871-11	METAL CHIP	10K 0.5% 1/10W	TU1001	8-598-536-20	FRONTEND BTF-EF412	
R1924	1-212-849-00	FUSIBLE	4.7 5% 1/4W	A Board Variant Parts KV-36FS76E			
R1925	1-212-849-00	FUSIBLE	4.7 5% 1/4W	< TUNER >			
R1928	1-215-886-11	METAL OXIDE	100 5% 2W	TU1001	8-598-534-10	FRONTEND BTF-EC412	
R1929	1-216-393-00	METAL OXIDE	2.2 5% 3W	A Board Variant Parts KV-36FS76U			
R1930	1-216-825-11	RES-CHIP	2.2K 5% 1/10W	< TUNER >			
R1931	1-216-864-11	SHORT CHIP	0	TU1001	8-598-530-10	FRONTEND BTF-EU612	
R1933	1-216-837-11	RES-CHIP	22K 5% 1/10W				
R1934	1-216-821-11	RES-CHIP	1K 5% 1/10W				
R1935	1-216-833-11	RES-CHIP	10K 5% 1/10W				
R1936	1-216-829-11	RES-CHIP	4.7K 5% 1/10W				
R1950	1-218-888-11	METAL CHIP	51K 0.5% 1/10W				
R1951	1-218-853-11	METAL CHIP	1.8K 0.5% 1/10W				
R1952	1-218-867-11	METAL CHIP	6.8K 0.5% 1/10W				
R1953	1-215-867-00	METAL OXIDE	470 5% 1W				
R1954	1-249-395-11	CARBON	15 5% 1/4W				
R1955	1-216-818-11	RES-CHIP	560 5% 1/10W				
R1956	1-249-383-11	CARBON	1.5 5% 1/4W				
R1957	1-249-381-11	CARBON	1 5% 1/4W				

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
* A-1400-466-A VM Board, Complete							
	4-382-854-01	SCREW (M3X8) , P, SW (+)		Q5403	8-729-119-78	TRANSISTOR 2SC2785-HFE	
	< CAPACITOR >			Q5404	8-729-026-39	TRANSISTOR 2SA933AS-QT	
C5400	1-107-883-11	ELECT 330UF	20.00% 16V	Q5405	8-729-026-39	TRANSISTOR 2SA933AS-QT	
C5401	1-126-935-11	ELECT 470UF	20.00% 16V	Q5406	8-729-045-05	TRANSISTOR 2SA2005	
C5402	1-137-150-11	FILM 0.01UF	5.00% 100V	Q5407	8-729-045-04	TRANSISTOR 2SC5511	
C5403	1-126-935-11	ELECT 470UF	20.00% 16V				
C5405	1-126-933-11	ELECT 100UF	20.00% 16V	Q5408	8-729-026-39	TRANSISTOR 2SA933AS-QT	
				Q5409	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C5406	1-126-935-11	ELECT 470UF	20.00% 16V		< RESISTOR >		
C5407	1-107-364-11	MYLAR 0.01UF	10.00% 200V	R5401	1-247-843-11	CARBON 3.3K 5%	1/4W
C5408	1-107-364-11	MYLAR 0.01UF	10.00% 200V	R5402	1-249-413-11	CARBON 470 5%	1/4W
C5409	1-107-649-11	ELECT 2.2UF	20.00% 250V	R5403	1-249-393-11	CARBON 10 5%	1/4W
C5410	1-130-471-00	MYLAR 0.001UF	5.00% 50V	R5404	1-249-420-11	CARBON 1.8K 5%	1/4W
				R5405	1-249-425-11	CARBON 4.7K 5%	1/4W
C5411	1-130-471-00	MYLAR 0.001UF	5.00% 50V				
C5412	1-126-935-11	ELECT 470UF	20.00% 16V	R5406	1-249-425-11	CARBON 4.7K 5%	1/4W
C5413	1-126-935-11	ELECT 470UF	20.00% 16V	R5407	1-249-399-11	CARBON 33 5%	1/4W
C5414	1-107-652-11	ELECT 10UF	20.00% 250V	R5408	1-247-807-31	CARBON 100 5%	1/4W
C5415	1-107-363-91	MYLAR 0.0068UF	10.00% 200V	R5409	1-249-409-11	CARBON 220 5%	1/4W
				R5410	1-249-401-11	CARBON 47 5%	1/4W
C5417	1-102-514-11	CERAMIC 22PF	5.00% 50V				
C5418	1-101-880-00	CERAMIC 47PF	5.00% 50V	R5411	1-249-401-11	CARBON 47 5%	1/4W
	< CONNECTOR >			R5412	1-249-429-11	CARBON 10K 5%	1/4W
CN5402	* 1-564-506-11	PLUG, CONNECTOR 3P		R5413	1-249-414-11	CARBON 560 5%	1/4W
CN5444	* 1-770-723-11	CONNECTOR, BOARD TO BOARD 8P		R5414	1-249-432-11	CARBON 18K 5%	1/4W
CN5602	* 1-564-508-11	PLUG, CONNECTOR 5P		R5415	1-260-316-51	CARBON 100 5%	1/2W
	< DIODE >						
D5400	8-719-991-33	DIODE 1SS133T-77		R5416	1-249-388-11	CARBON 3.9 5%	1/4W
D5401	8-719-510-02	DIODE D1NS4		R5417	1-249-432-11	CARBON 18K 5%	1/4W
D5402	1-535-143-61	LEAD, JUMPER (5.0MM)		R5418	1-249-414-11	CARBON 560 5%	1/4W
D5403	8-719-991-33	DIODE 1SS133T-77		R5419	1-249-421-11	CARBON 2.2K 5%	1/4W
D5404	8-719-991-33	DIODE 1SS133T-77		R5420	1-249-421-11	CARBON 2.2K 5%	1/4W
D5405	8-719-924-11	DIODE MTZJ-T-77-22		R5421	1-249-386-11	CARBON 2.7 5%	1/4W
D5406	8-719-924-11	DIODE MTZJ-T-77-22		R5422	1-249-405-11	CARBON 100 5%	1/4W
	< FERRITE BEAD >			R5423	1-215-915-11	METAL OXIDE 470 5%	3W
FB5400	1-535-143-61	LEAD, JUMPER (5.0MM)		R5425	1-535-143-61	LEAD, JUMPER (5.0MM)	
FB5401	1-535-143-61	LEAD, JUMPER (5.0MM)		R5427	1-249-401-11	CARBON 47 5%	1/4W
	< COIL >						
L5400	1-410-784-41	INDUCTOR 0.18UH		R5428	1-249-413-11	CARBON 470 5%	1/4W
L5401	1-414-930-21	INDUCTOR 2.2UH		R5429	1-249-413-11	CARBON 470 5%	1/4W
	< TRANSISTOR >			R5430	1-249-417-11	CARBON 1K 5%	1/4W
Q5400	8-729-119-78	TRANSISTOR 2SC2785-HFE		R5432	1-249-415-11	CARBON 680 5%	1/4W
Q5401	8-729-119-78	TRANSISTOR 2SC2785-HFE		R5433	1-249-400-11	CARBON 39 5%	1/4W
Q5402	8-729-119-78	TRANSISTOR 2SC2785-HFE					
				R5434	1-249-395-11	CARBON 15 5%	1/4W

Note : The components identified by shading and marked Δ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK	REF.NO.	PART.NO	DESCRIPTION	REMARK
MISCELLANEOUS							
	Δ 1-571-433-21	SWITCH, PUSH (AC POWER)					
	Δ 1-765-286-11	CORD, POWER (KV-36FS76B/36FS76E)					
	Δ 1-792-592-11	CORD, PLUG WITH POWER (KV-36FS76U)					
	1-424-855-11	COIL, CHOKE 29MMH					
	8-598-536-20	FRONTEND BTF-EF412 (KV-36FS76B)					
	8-598-534-10	FRONTEND BTF-EC412 (KV-36FS76E)					
	8-598-530-10	FRONTEND BTF-EU612 (KV-36FS76U)					
	1-824-464-11	P-P CABLE					
	Δ 1-453-444-21	TRANSFORMER ASSY, FLYBACK (NX6020//Z2B4)					
	1-825-177-11	LOUDSPEAKER (4.2x24CM)					
	1-786-413-11	ARRAY SWITCH					
	1-790-005-21	CABLE, SPEAKER (WITH GROMMET)					
	1-529-144-11	SPEAKER (13CM)					
	8-451-507-32	DEFLECTION YOKE (Y36RVC-B)					
	1-452-896-11	COIL, NA ROTATION (RT200)					
	8-453-007-31	NECK ASSY, (NA324-M3)					
	Δ 1-424-963-11	DEGAUSSING COIL					
	Δ 1-251-946-11	CAP ASSY, HIGH-VOLTAGE					
	Δ 8-735-061-05	PICTURE TUBE (W86LPH010X)					
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM					
	1-452-032-11	MAGNET, DISK; 10MM					
ACCESSORIES AND PACKAGING MATERIALS							
	*4-029-168-01	BAG, PROTECTION					
	*4-087-938-01	JOINT					
	*4-088-408-01	INDIVIDUAL CARTON					
	*4-088-408-01	TRAY					
	4-089-403-21	INSTRUCTION MANUAL (KV-36FS76B)					
	4-089-403-11	INSTRUCTION MANUAL (KV-36FS76E) (GERMAN/FRENCH)					
	4-089-403-31	INSTRUCTION MANUAL (KV-36FS76E) (DANISH/SPANISH/NORWEGIAN/PORTUGUESE SWEDISH/FINNISH)					
	4-089-403-41	INSTRUCTION MANUAL (KV-36FS76E) (GERMAN/GREEK/ITALIAN/TURKISH)					
	4-089-403-51	INSTRUCTION MANUAL (KV-36FS76U) (ENGLISH)					
REMOTE COMMANDER							
	1-477-259-12	REMOTE COMMANDER (RM-938)					

TRACE

A new TV Repair Assistance Tool that combines ease of use and powerful PC software tools to allow you to save valuable time during many TV repairs.



The TRACE interface connects to the PC's serial port. It provides connection to the TV's I²C bus and can be provided with an InfraRed transmitter (optional).

The interface is powered by a standard 9 V PP3 battery for portable use, and can also be powered by an external 9V/25mA DC power supply.

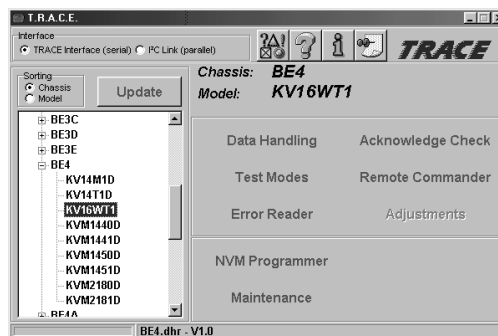
The TRACE software that is supplied with the interface allows you to:

- Read, restore and compare NVM contents via the I²C bus
- Acknowledge check of all I²C devices in the TV set
- Read Error Codes (emulation of the Error Reader tool)

With the optional IR Add-on kit, the following features can be added:

- Remote Commander emulation
- User programmable Functional Check through Infrared
- Fast and documented Test Mode setting of all Sony TV chassis

Additional features such as Adjustments and Troubleshooting are available in chassis-dependent software modules. Please contact your local Sony Service organisation for the latest information.



Note: For workshops already using the existing I²C Link parallel port interface (9-948-320-30), this software can be used as well, replacing the TV Data Handling software (9-948-340-50), but Error Reader and IR functions can only be accessed with the TRACE interface.

Partnumbers: TRACE Starter Kit (TRACE interface + software): 9-948-320-70
 TRACE Software (for users of the I²C Link interface): 9-948-340-80
 TRACE IR Add-on (IR interface + Remote Commander software): 9-948-320-80

PC requirements: IBM-compatible PC with operating system Windows95, Windows98, or WindowsNT*.

* WindowsNT only supported with TRACE interface

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Sony UK
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